

DAEWOO

Service Manual

Digital Home Cinema System

Model : DV-115/125







DAEWOO ELECTRONICS CO., LTD.

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1. Safety Precautions

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

| | | |
|--|---|---|
|  | CAUTION RISK OF ELECTRIC SHOCKS DO NOT OPEN |  |
| CAUTION : TO REDUCE THE RISK IF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. | | |
|  | THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS. | |
|  | THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE. | |

CAUTION
TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

LASER SAFETY
THIS UNIT EMPLOYS A LASER. ONLY QUALIFIED SERVICE PERSONNEL SHOULD REMOVE THE COVER OR ATTEMPT TO SERVICE THIS DEVICE DUE TO POSSIBLE EYE INJURY.

CAUTION : USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION : POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

Important Safety Instructions

- All the safety and operating instructions should be read before the appliance is operated.
 - The safety and operating instructions should be retained for future reference.
 - All warnings on the appliance and in the operating instructions should be adhered to.
 - All operating and use instructions should be followed.
1. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink,

laundry tub, in a wet basement, or near a swimming pool, and the like.

PORTABLE CART

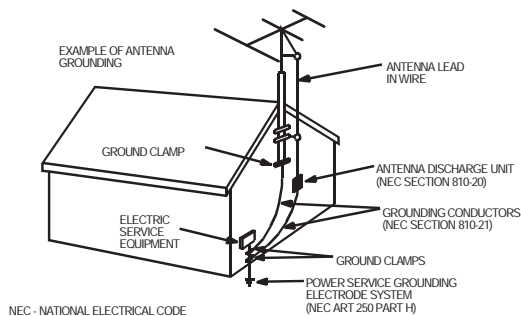


Figure 2

2. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
3. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
4. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
5. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
6. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
7. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
8. Grounding or Polarization - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
9. Power - Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
10. Protective Attachment Plug - If the appliance is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
11. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.
12. Power Lines - An outdoor antenna should be located away from power lines.

1. Safety Precautions

13. Outdoor Antenna Grounding - If an outside antenna is connected to the receiver be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See Figure 1.



14. Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

15. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- a) The power-supply cord or the plug has been damaged; or
- b) Objects have fallen, or liquid has been spilled into the appliance; or
- c) The appliance has been exposed to rain; or
- d) The appliance does not appear to operate normally or exhibits a marked change in performance; or
- e) The appliance has been dropped, or the enclosure damaged.

17. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

2. Specifications

DV-115/125

General Specifications

| | |
|--|---|
| Power Supply Voltage(Optional) AC 110V or 120V or 127V or 220V or 230V or 240V(50/60Hz) | Power Consumption Operating 160Watt Demensions(W X D X H)/Weight 430 X 380 X 97mm/9.2kg |
|--|---|

Front Amp. Section

| | | |
|---------------------------------------|--------------------------|---------------------|
| Power Output at 0.2% THD | At 1KHz 6 ohms | 30W X 2 |
| Total Harmonic Distortion | At 1KHz 1 W | 0.3% |
| Input Sen./Impedance @ 1KHz, 47K ohms | TV , Tape/MD | 200mV \pm 30/47K |
| Output Level / Impedance @ 1KHz | Tape Rec | 200mV \pm 30/2.2K |
| Frequency Response | at 1W : TV, Tape/MD -3dB | 20 ~ 50KHz |
| S/N Ratio IHF-A Weighted | TV , Tape/MD | 90dB |
| Subwoofer Turnover Frequency | | 120Hz |
| Channel Separation | 1KHz | 45dB |
| Crosstalk | Tape/MD --> TV | 60dB |
| | TV --> Tape/MD | 60dB |

Center Amp Section

| | | |
|---------------------------|----------------|-------------|
| Power Output at 0.2% THD | At 1KHz 6 ohms | 30W |
| Total Harmonic Distortion | At 1KHz 1W | 0.3% |
| S/N Ratio IHF-A Weighted | Rated Output | 55dB |
| Frequency Response | Large 1W | 30 ~ 20KHz |
| Dolby Mode | Small 1W | 120 ~ 20KHz |

Rear Amp Section

| | | |
|--|----------------|------------|
| Power Output at 0.2% THD | At 1KHz 6 ohms | 30W X 2 |
| Total Harmonic Distortion | At 1KHz 1 W | 1.0% |
| S/N Ratio Dolby | Rated Output | 55dB |
| Frequency Response(Only Dolby) \pm 3dB | 1W | 120 ~ 6KHz |

Video Section

| | | | |
|--------------------------|---------------------------------|---------------------------------|-------------|
| Input Sen./Impedance | Composite Video(Video1, Video2) | 1Vp-p/75 ohms | \pm 0.5dB |
| Output Level / Impedance | C-Video(Video1 Rec, Monitor) | 1Vp-p/75 ohms | \pm 0.5dB |
| | S-Video(DVD Only) | Y:1Vp-p/75 ohms, negative sync. | \pm 0.5dB |
| | | C: 0.286Vp-p/75 ohms | \pm 0.5dB |
| | Component Out(DVD Only) | Y:1Vp-p/75 ohms, negative sync. | \pm 0.5dB |
| | | Cr, Cb: 0.7Vp-p/75 ohms | \pm 0.5dB |
| Frequency Response | 5MHz ~ 6MHz | + 0/-3dB | + 0/-3dB |
| Crosstalk | @ 1MHz | 45dB | 40dB |
| S/N Ratio | | 45dB | 40dB |

FM Tuner Section FM ANT Impedance : 75 ohms

| | | |
|-----------------------|-------------------------|----------------|
| Tuning Range | USA Version | 87.5 ~ 108MHz |
| | Multi Europe Version | 87.5 ~ 108MHz |
| Frequency Step | USA Version | 100KHz |
| | Multi Version | 50KHz / 100KHz |
| | Europe Version | 50KHz |
| Usable Sens. 75 ohms | S/N 30dB USA Version | 2uV(17.2dBf) |
| | S/N 26dB Europe Version | 3uV(20.8dBf) |
| S/N Ratio @ 1mV IHF-A | Mono USA Version | 70dB |
| | Mono Europe Version | 70dB |
| | Stereo USA Version | 65dB |
| | Stereo Europe Version | 63dB |

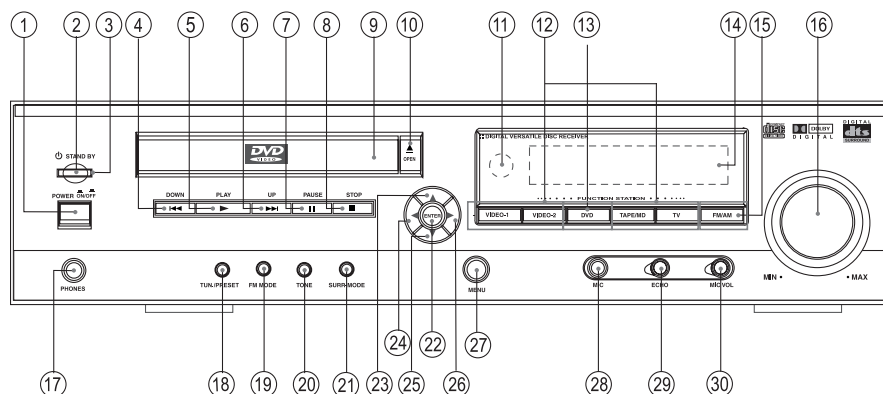
MW(AM) Tuner Section

| | | |
|--------------------|------------------------------------|---------------|
| Tuning Range | USA Version | 530 ~ 1710kHz |
| | Europe Version | 522 ~ 1620kHz |
| Frequency Step | USA Version | 10KHz |
| | Multi Version | 10 / 9KHz |
| | Europe Version | 9KHz |
| Usable Sensitivity | 1000/999KHz S/N 20dB | 800uV/m |
| S/N Ratio | 400Hz, 30%Mod, 1000KHz(10mV Input) | 40dB |

3. Location of Users Controls

- Front Panel

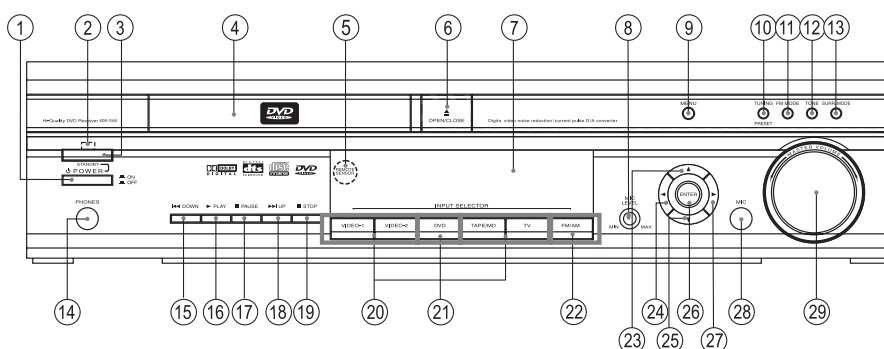
1) DV-115



1. POWER ON/OFF switch
2. STANDBY indicator
3. STANDBY/ON button
4. SKIP/SEARCH DOWN (◀◀) button
5. PLAY (▶) button
6. SKIP/SEARCH UP (▶▶) button
7. PAUSE (||) button
8. STOP (■) button
9. DVD/VIDEO CD/MP3 CD/audio CD disc tray
10. OPEN/CLOSE (▲) button
11. Remote control sensor
12. Input selector :
VIDEO 1, VIDEO 2, TAPE/MD, TV buttons
13. Input selector : DVD buttons
14. Display
15. Input selector : TUNER buttons

16. MASTER VOLUME control
17. PHONES jack
18. TUNE/PRESET button
19. FM MODE button
20. TONE button
21. SURROUND MODE button
22. ENTER button
23. MOVE UP(▲) button
24. MOVE LEFT(◀) button
25. MOVE DOWN(▼) button
26. MOVE RIGHT(▶) button
27. MENU button
28. MIC jack(Optional)
29. ECHO LEVEL control(Optional)
30. MIC VOL control(Optional)

2) DV-125



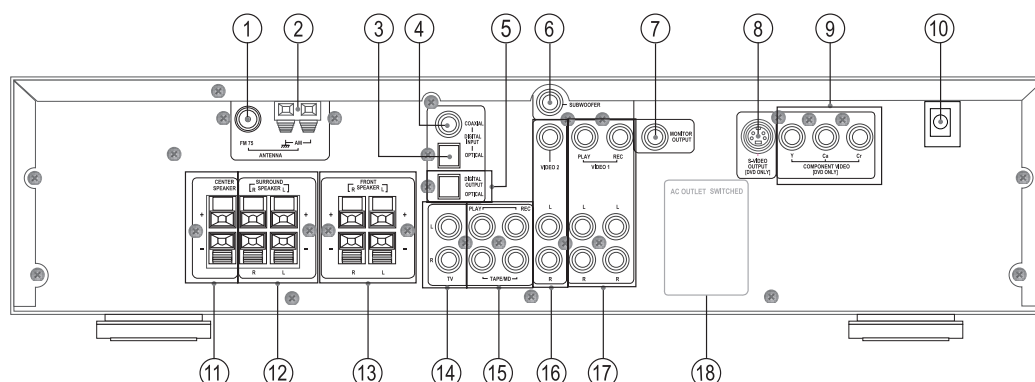
1. POWER ON/OFF switch
2. STANDBY indicator
3. STANDBY/ON button
4. DVD/VIDEO CD/MP3 CD/audio CD disc tray
5. Remote control sensor
6. OPEN/CLOSE (▲) button
7. Display
8. MIC LEVEL control
9. MENU button
10. TUNING/PRESET button
11. FM MODE button
12. TONE button
13. SURROUND MODE button
14. PHONES jack
15. SKIP/SEARCH DOWN (◀◀) button

16. PLAY (▶) button
17. PAUSE (||) button
18. SKIP/SEARCH UP (▶▶) button
19. STOP (■) button
20. Input selector :
VIDEO 1, VIDEO 2, TAPE/MD, TV buttons
21. Input selector : DVD buttons
22. Input selector : TUNER buttons
23. MOVE UP(▲) button
24. MOVE LEFT(◀) button
25. MOVE DOWN(▼) button
26. MOVE RIGHT(▶) button
27. ENTER button
28. MIC jack(Optional)
29. MASTER VOLUME control

3. Location of Users Controls

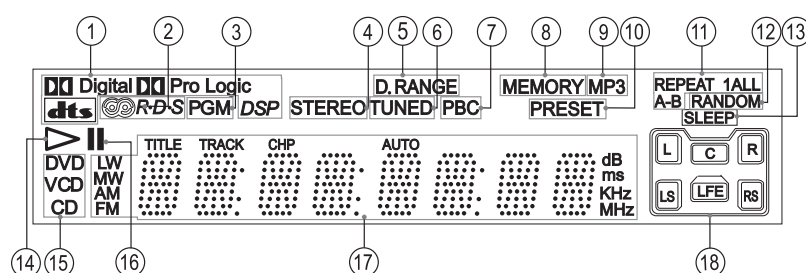
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- Rear Panel



- | | |
|---|--|
| 1. FM ANTENNA connector | 10. Power cord |
| 2. AM ANTENNA connectors | 11. CENTER SPEAKER connectors |
| 3. DIGITAL INPUT OPTICAL jack | 12. SURROUND SPEAKERS connectors |
| 4. DIGITAL INPUT COAXIAL jack | 13. FRONT SPEAKERS connectors |
| 5. DIGITAL OUTPUT OPTICAL jack | 14. TV IN jacks |
| 6. PRE OUT SUBWOOFER jack | 15. TAPE/MD IN PLAY(IN)/REC(REC) jacks |
| 7. MONITOR OUT jack | 16. VIDEO 2 IN jacks |
| 8. S VIDEO MONITOR OUT jack | 17. VIDEO 1 PLAY(IN)/REC(OUT) jack |
| 9. COMPONENT VIDEO OUTPUT Y/Cb/Cr jacks | 18. AC outlet |

- Display

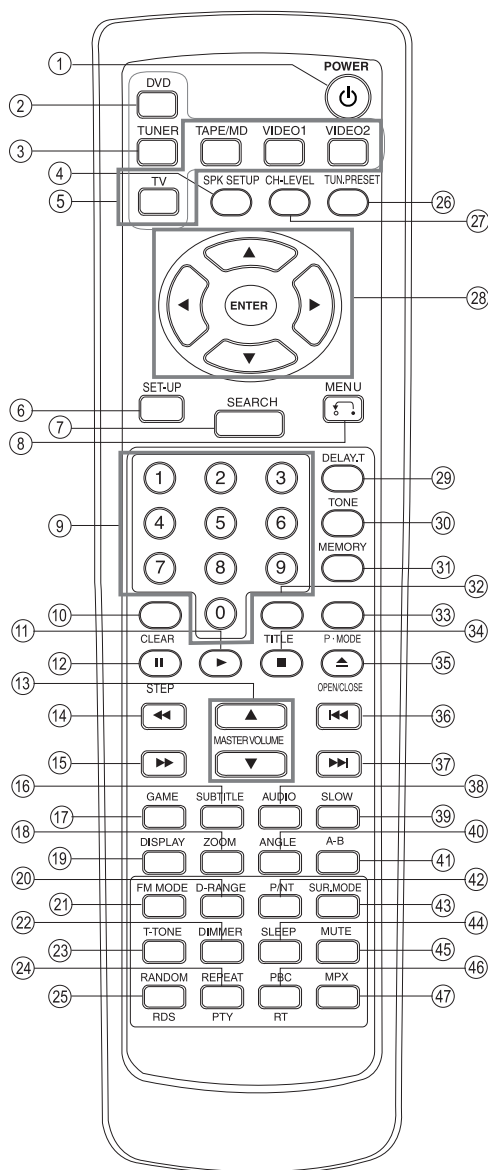
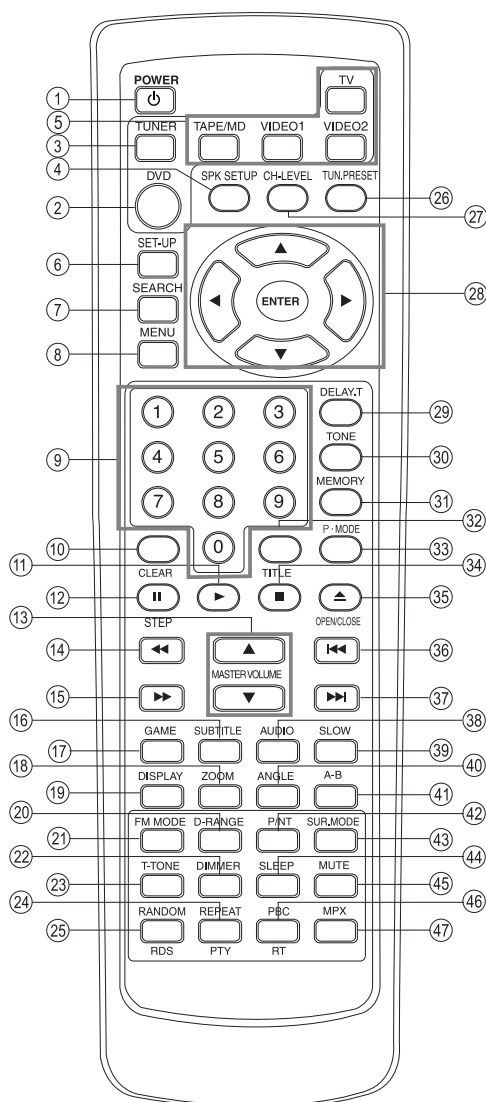


- | | |
|------------------------------------|-------------------------------------|
| 1. SURROUND MODE indicator | 10. PRESET indicator |
| 2. RDS indicator | 11. REPEAT indicator |
| 3. PROGRAM indicator | 12. RANDOM indicator |
| 4. STEREO indicator | 13. SLEEP indicator |
| 5. DYNAMIC RANGE indicator | 14. PLAY indicator |
| 6. TUNED indicator | 15. DVD/VCD/CD indicator |
| 7. PBC(Playback Control) indicator | 16. PAUSE indicator |
| 8. MEMORY indicator | 17. MULTI FUNCTION indicator |
| 9. MP3 indicator | 18. SPEAKER CONFIGURATION indicator |

3. Location of Users Controls

- Remote Controller

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1. STANDBY/ON button
2. DVD FUNCTION button
3. TUNER FUNCTION button
4. SPEAKER SETUP button
5. INPUT SELECTOR: TV/TAPE/VIDEO 1 /VIDEO 2 button
6. SET UP button
7. SEARCH button
8. MENU/PBC RETURN button
9. Number buttons
10. CLEAR button
11. PLAY (▶) button
12. PAUSE (⏏) button
13. VOLUME ▲/▼ buttons
14. FAST REWIND(FR) (⏮) button
15. FAST FORWARD(FF) (⏭) button

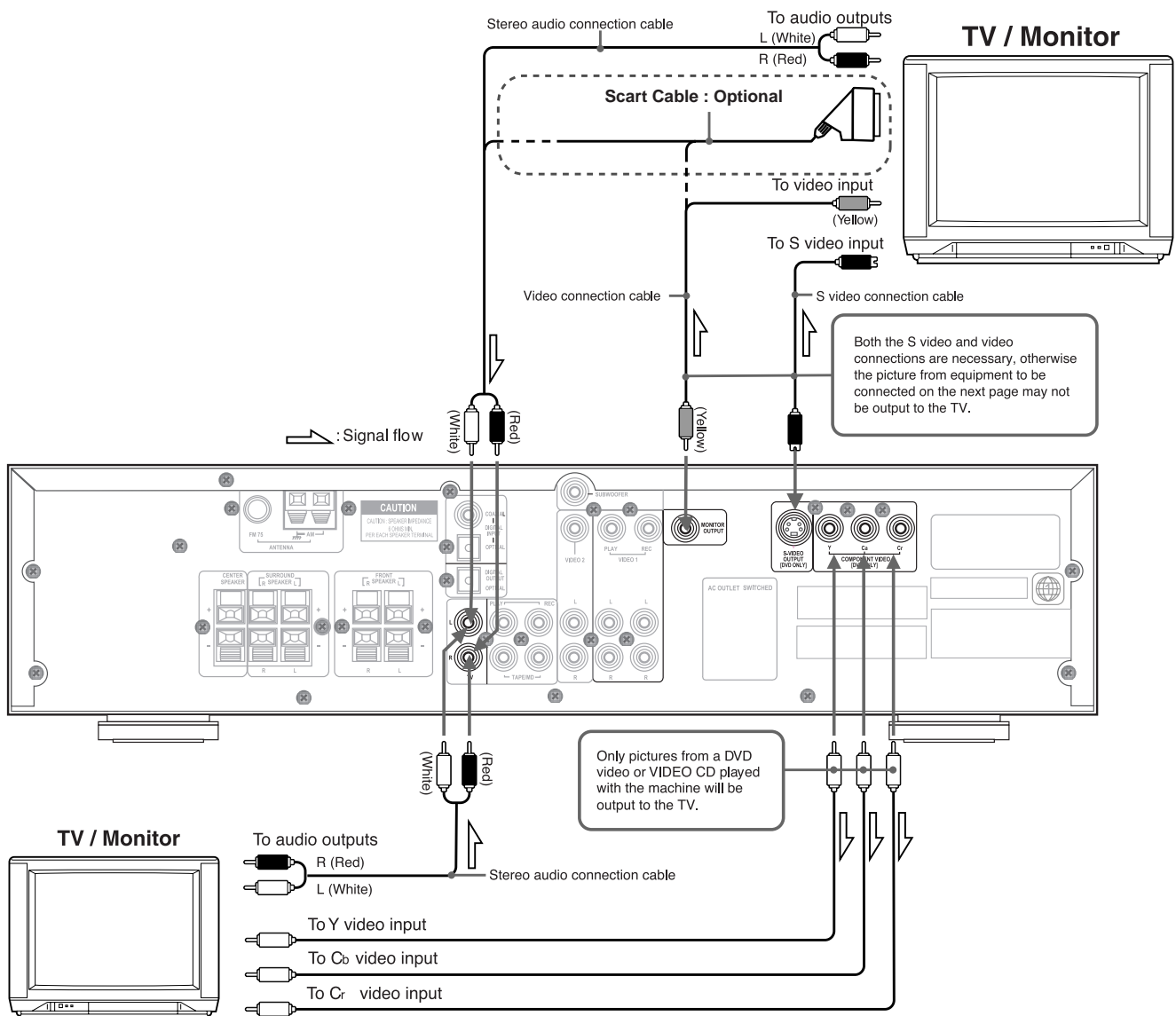
16. SUBTITLE button
17. GAME button
18. ZOOM button
19. DISPLAY button
20. D-RANGE(Dynamic Range) button
21. FM MODE button
22. DIMMER button
23. TEST TONE button
24. REPEAT/PTY button
25. RANDOM/RDS button
26. TUNER PRESET buttons
27. CH LEVEL button
28. MOVE ▲/▼/◀/▶ /ENTER buttons
29. DELAY TIME button
30. TONE button
31. MEMORY button

32. TITLE button
33. PLAY MODE button
34. STOP (■) button
35. OPEN/CLOSE button
36. SKIP/SEARCH DOWN (⏮) button
37. SKIP/SEARCH UP (⏭) button
38. AUDIO button
39. SLOW button
40. ANGLE button
41. A-B REPEAT button
42. CINEMA BASS button
43. SURROUND MODE button
44. SLEEP button
45. MUTING button
46. PBC/RT button
47. MPX button

4. Connecting to Equipment

- Connecting to TV

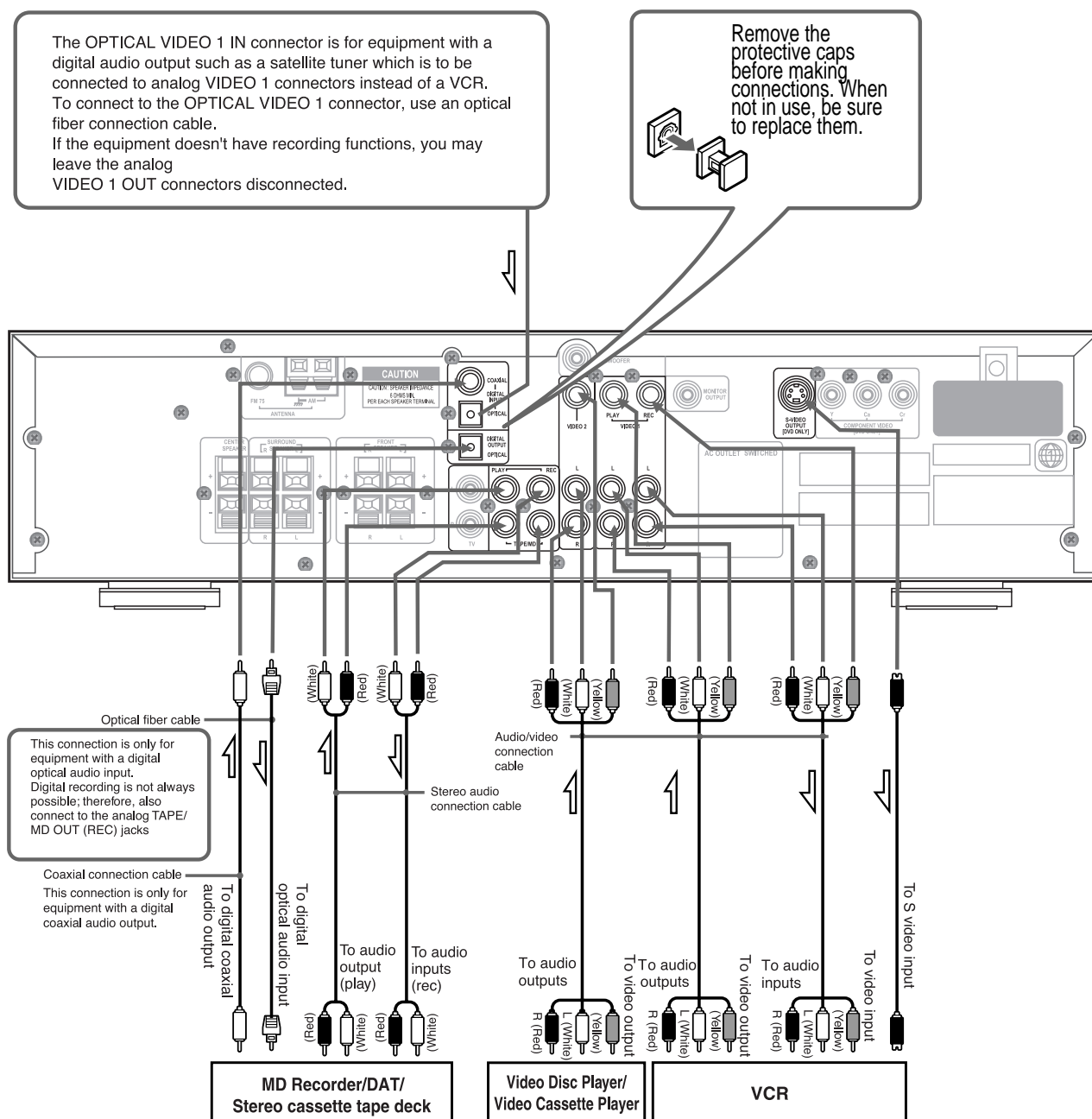
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4. Connecting to Equipment

- . Connecting to AUDIO & VIDEO

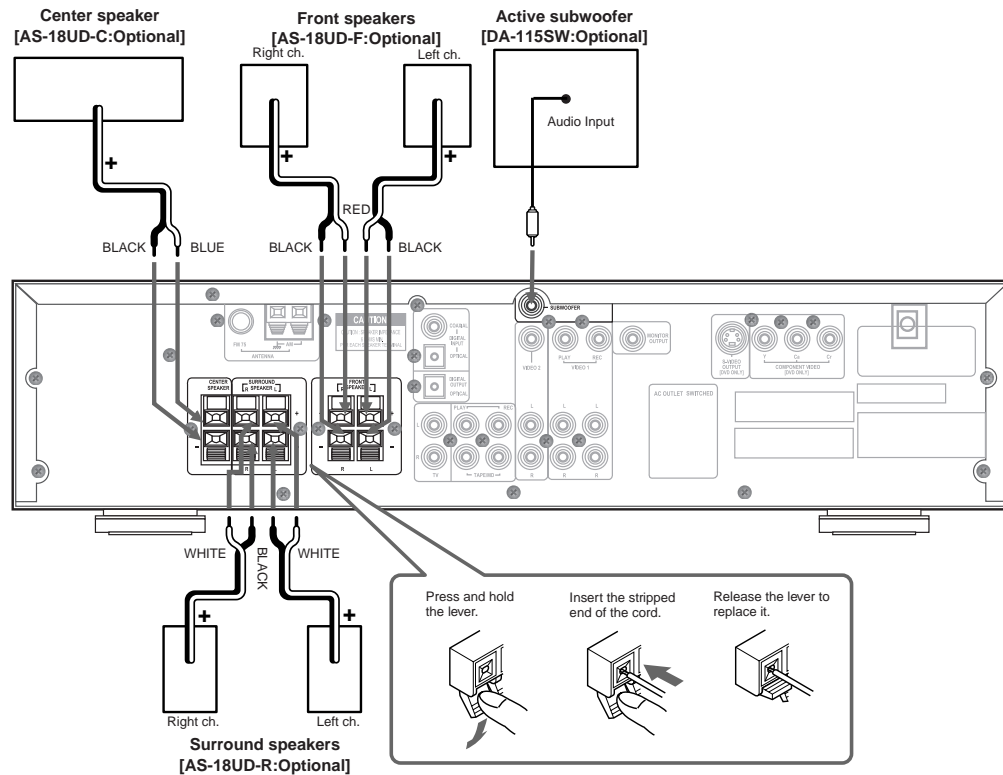
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4. Connecting to Equipment

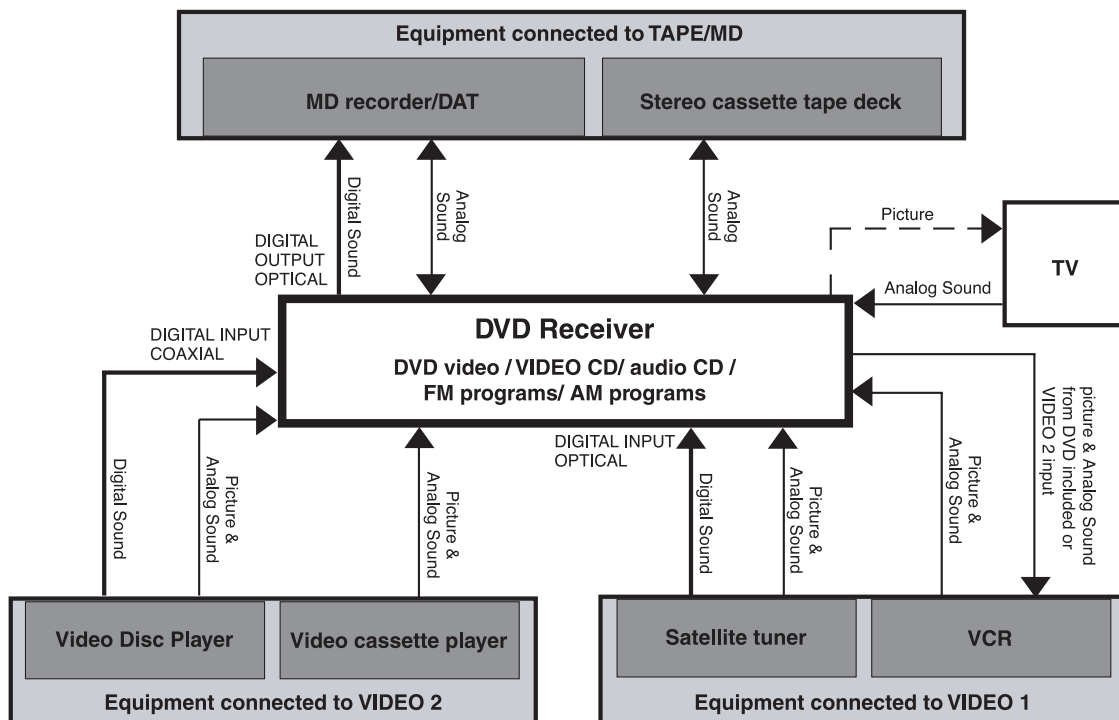
- Connecting to Speaker

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Model : DV-115

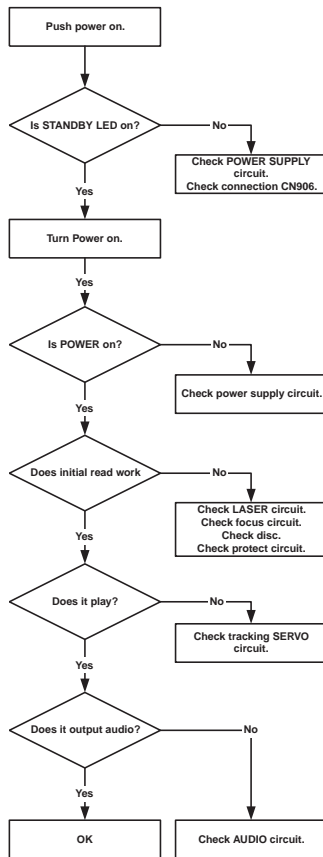
- Connecting to Recording Equipment



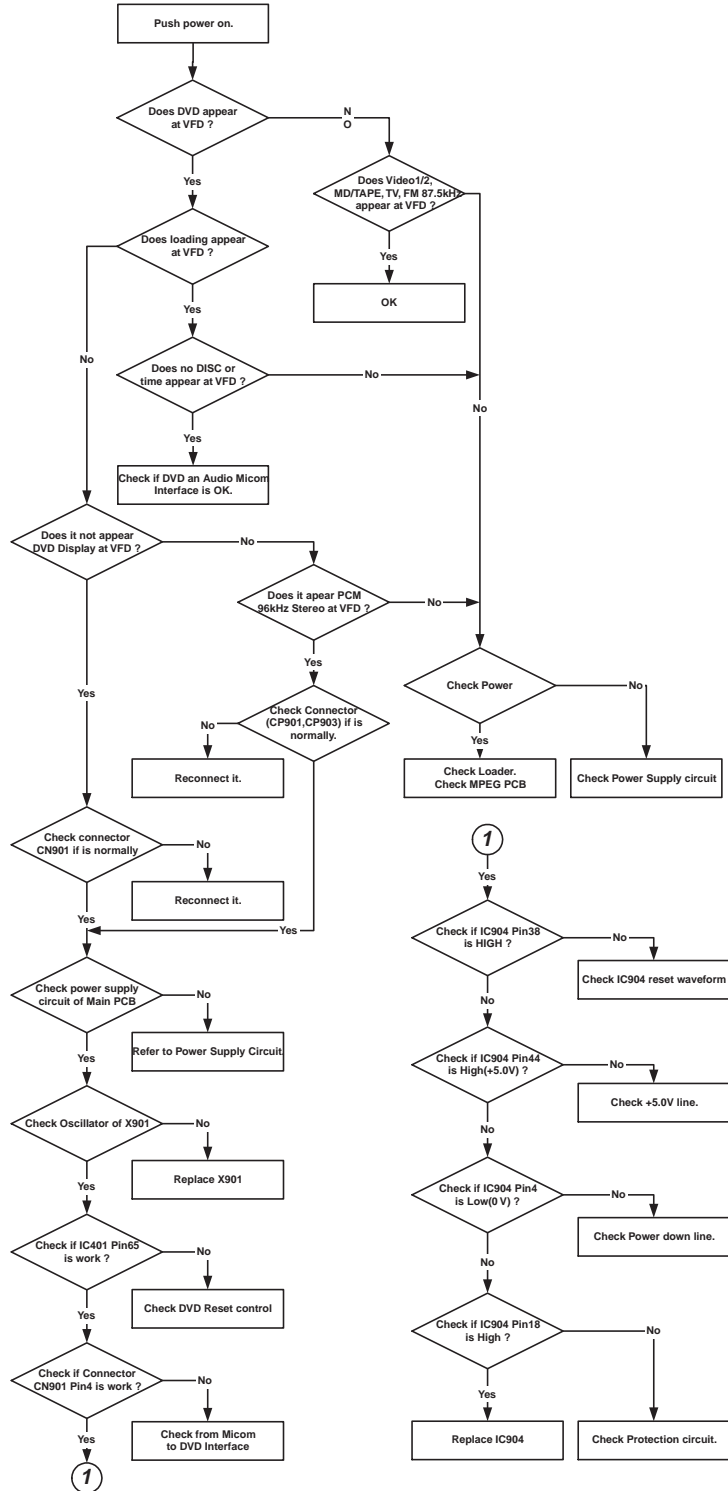
5. Trouble Shooting Guide

- Audio Part DV-115/125

1. Basic Operating



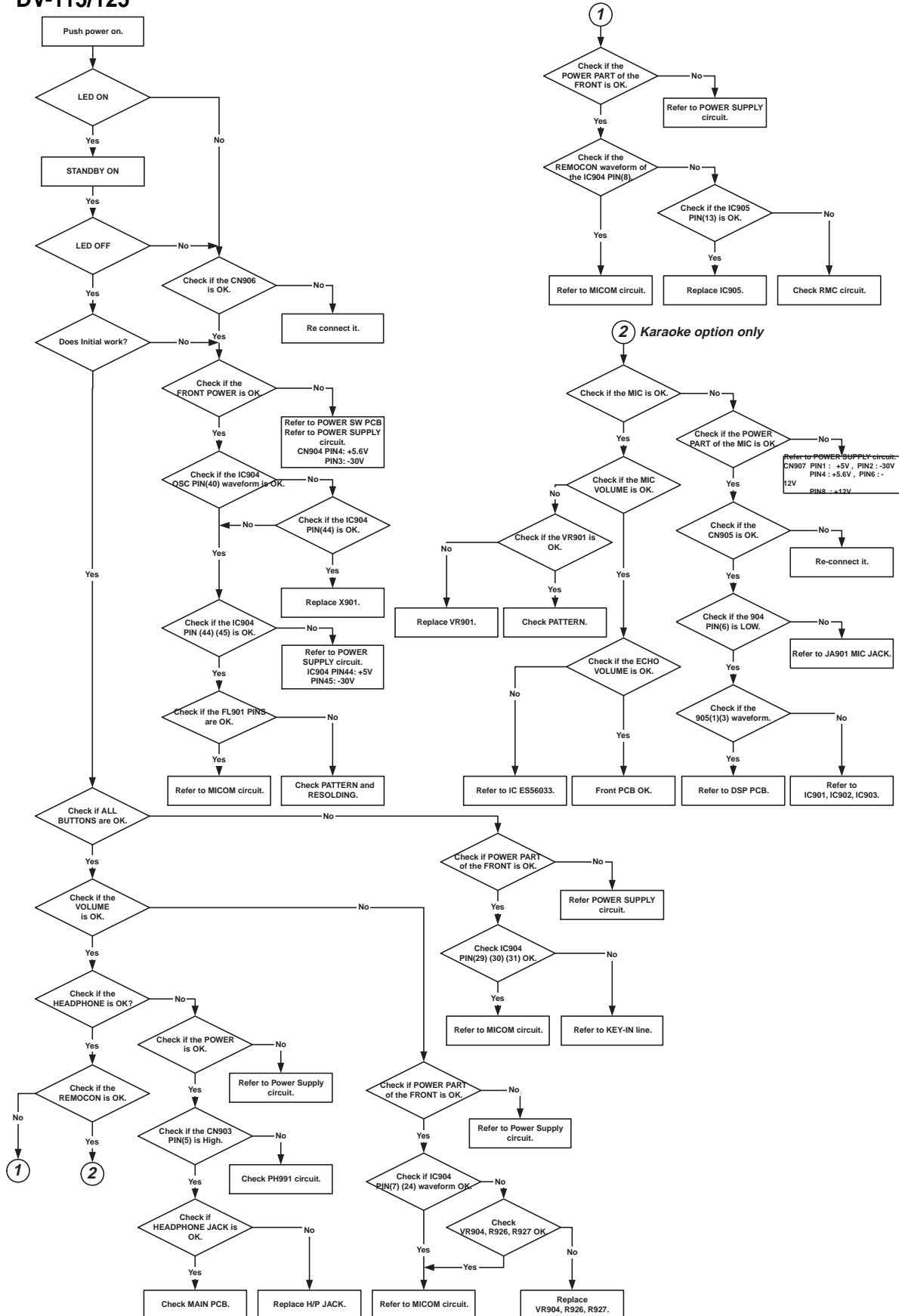
2. Front Micom Circuit



5. Trouble Shooting Guide

- Front Circuit

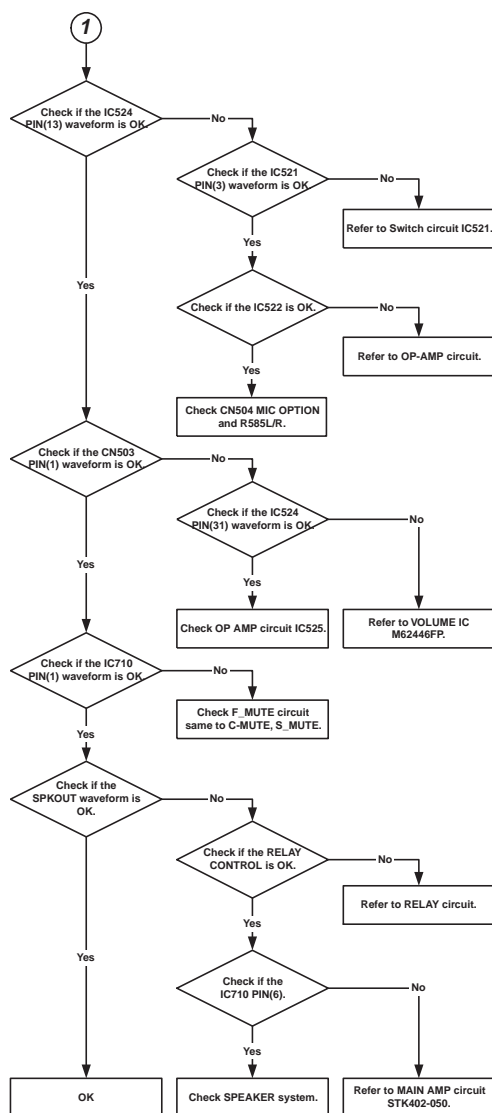
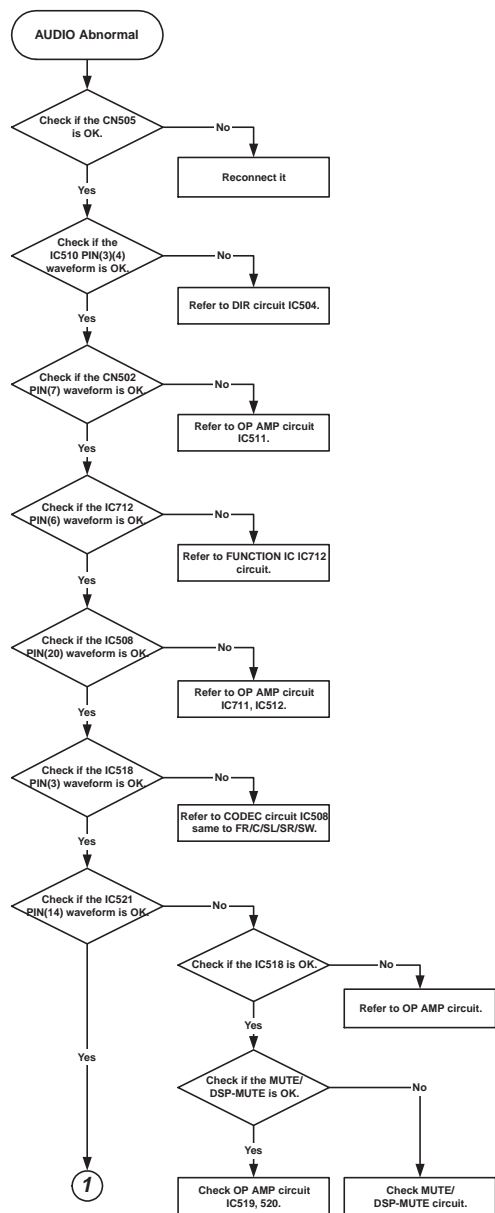
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5. Trouble Shooting Guide

- Audio Part DV-115/125

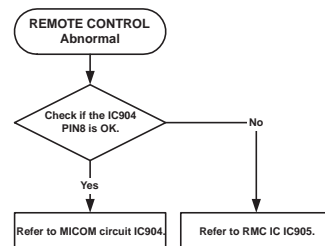
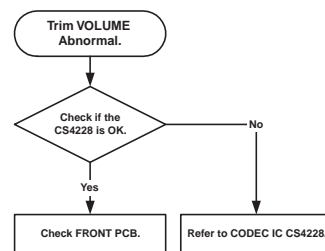
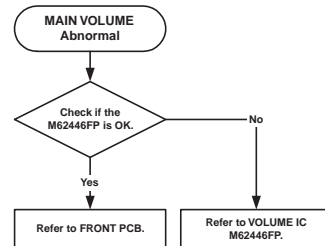
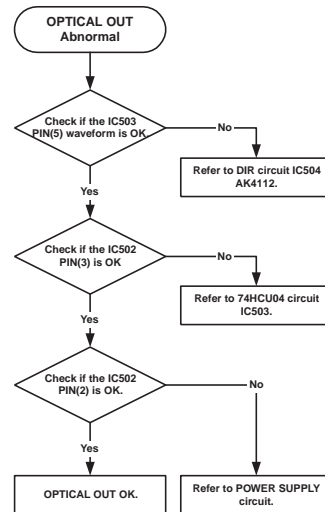
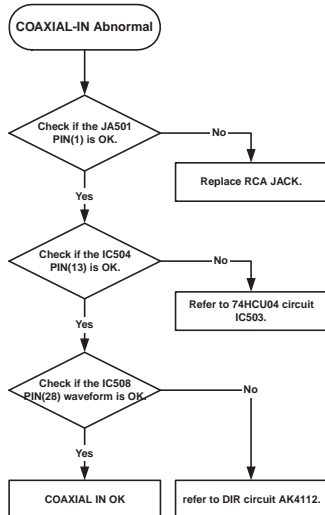
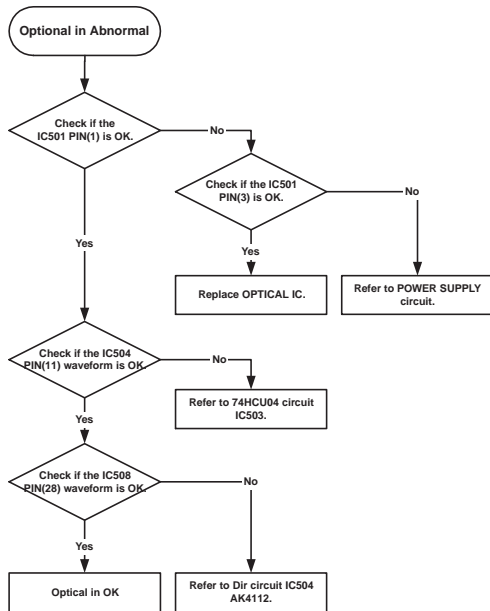
1. DVD Abnormal



5. Trouble Shooting Guide

-. Audio Part

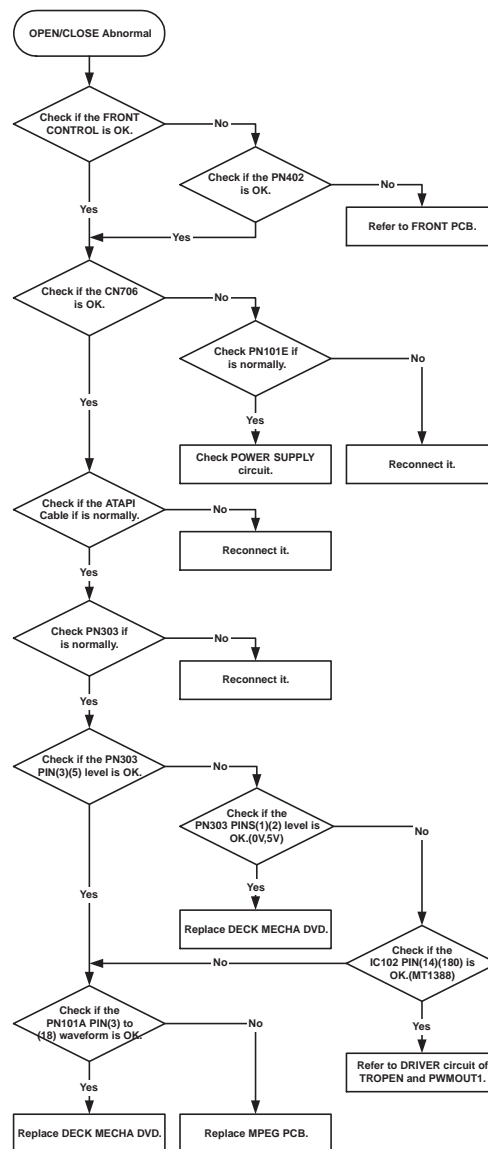
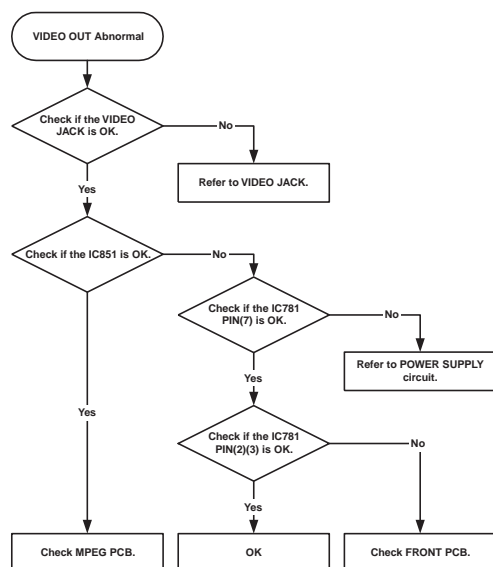
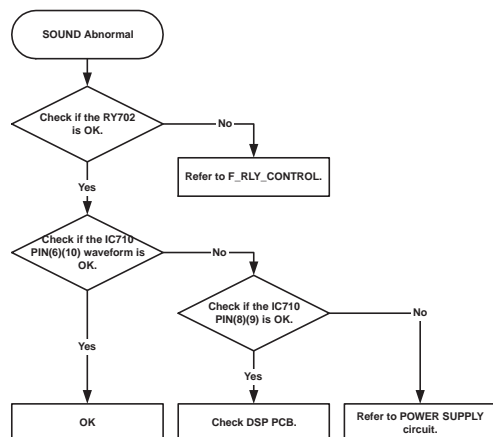
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5. Trouble Shooting Guide

- Audio Part

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5. Trouble Shooting Guide

-. Audio Part

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6. DVD Program Download Method

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INSERT THE UPDATE DISC INTO THE DISC TRAY, THEN THE DVD RECEIVER READS THE DISC AND UPDATE THE FIRMWARE ITSELF AS FOLLOWINGS.

@ INSERT THE UPDATE DISC.

| NO | STATUS | VFD | MONITOR | SET CONDITION |
|----|---|--|------------------------|-----------------|
| 1 | SET THE KEY LOCK (TUN.PRESET+OPEN) | APPEAR LOCK MARK() | LOADING | DOOR CLOSE |
| 2 | DETECT THE UPDATE DISC | LOAD | LOADING | DOOR CLOSE |
| 3 | READ THE DISC | LOAD | DOWNLOAD FROM CDROM | DOOR CLOSE |
| 4 | COMPLETED THE READ | LOAD or NO DISPLAY | DOWNLOAD FROM CDROM | DOOR OPEN : 1) |
| 5 | COMPLETED THE UPDATE | LOAD | LOADING | DOOR CLOSE |
| 6 | SET THE KEY UNLOCK (TUN.PRESET+OPEN) | DISAPPEAR LOCK MARK | LOADING | DOOR CLOSE : 2) |

NOTE :

- 1) AFTER DOOR OPEN, EJECT THE UPDATE DISC.
- 2) AFTER COMPLETED, POWER OUT AND IN AGAIN.

CAUTION :

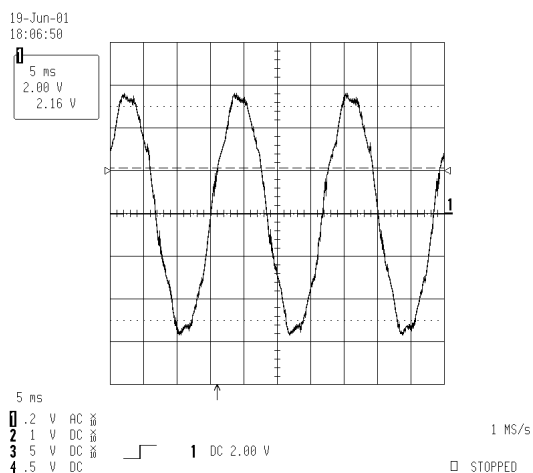
WHILE DOOR OPEN, IF CD DOOR IS CLOSED BY TOUCH, OR POWER BUTTON IS PRESSED THEN FLASH MEMORY WILL BE ERASED.

7. Waveforms of Major Check Method

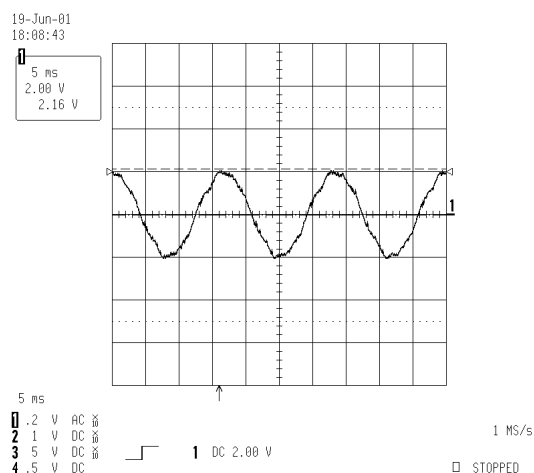
DV-115/125

※ TEST POINT : DVD TEST DISC “ MDVD-W111 TRACK2 COLOR BAR”

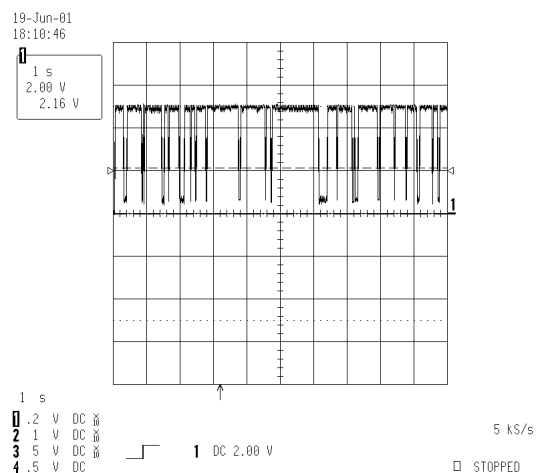
- Audio Out Signal Waveform



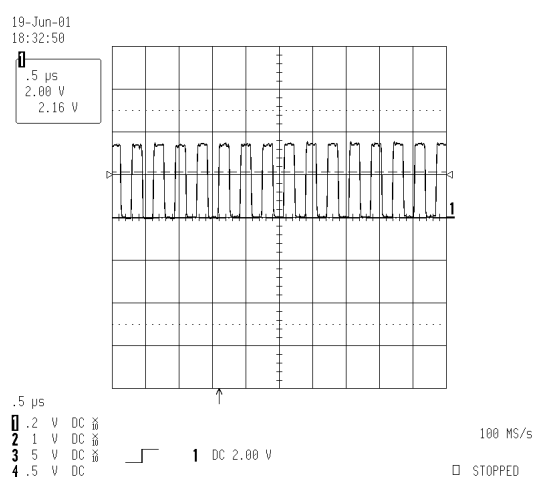
- DAC Output Signal Waveform



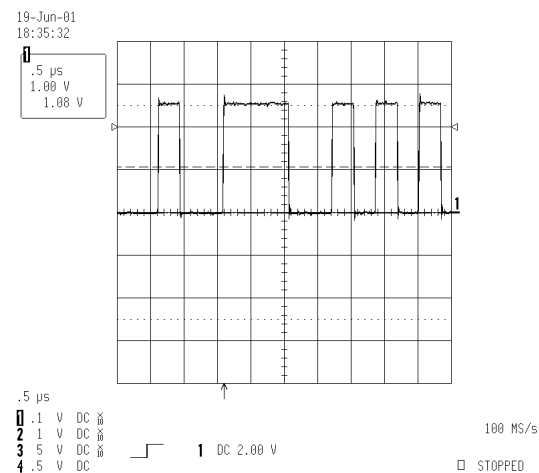
- Optical Output Audio Data Signal waveform



- L/R Clock Data Waveform During Normal Play



- Serial Data Output Waveform During Normal Play

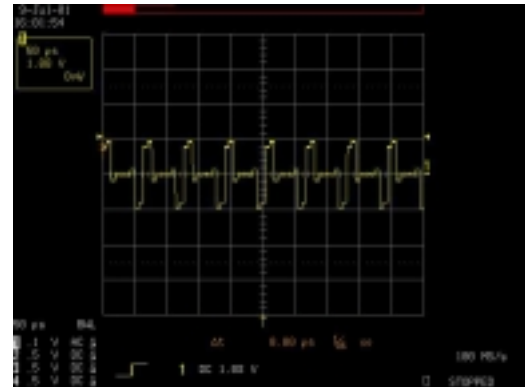
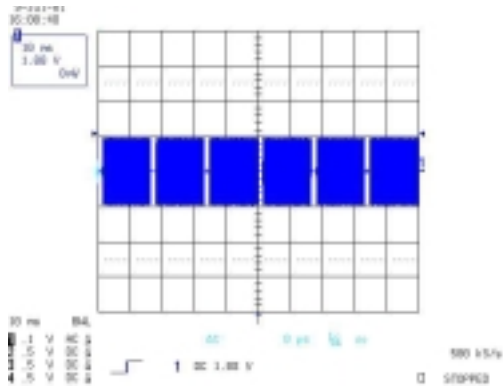


7. Waveforms of Major Check Method

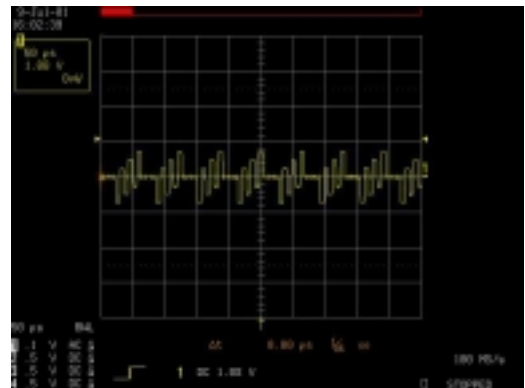
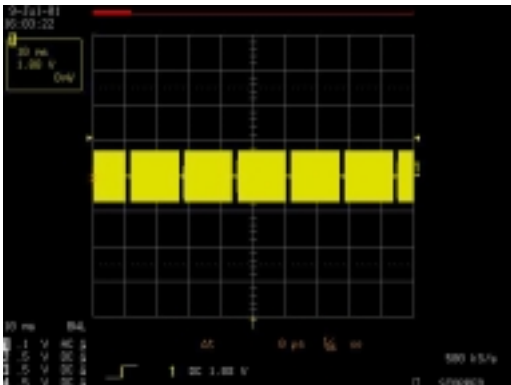
DV-115/125

※ TEST POINT : DVD TEST DISC " MDVD-W111 TRACK2 COLOR BAR"

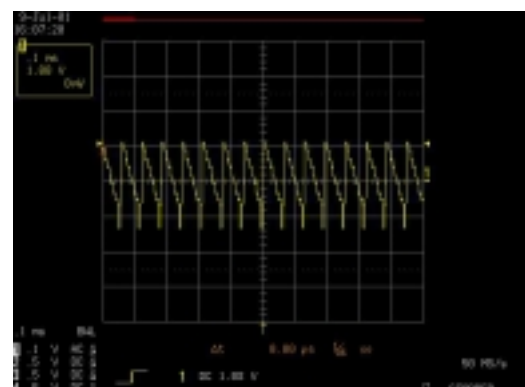
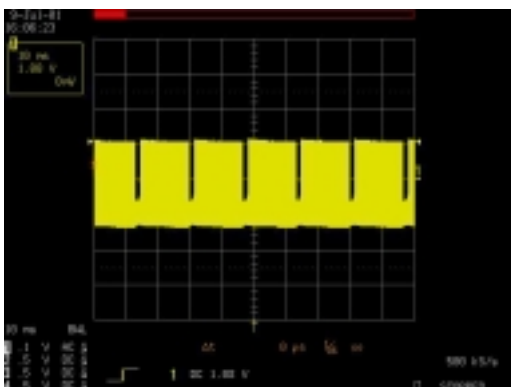
- Cr Output Data Waveform in Component Output



- Cb Output Data Waveform in Component Output



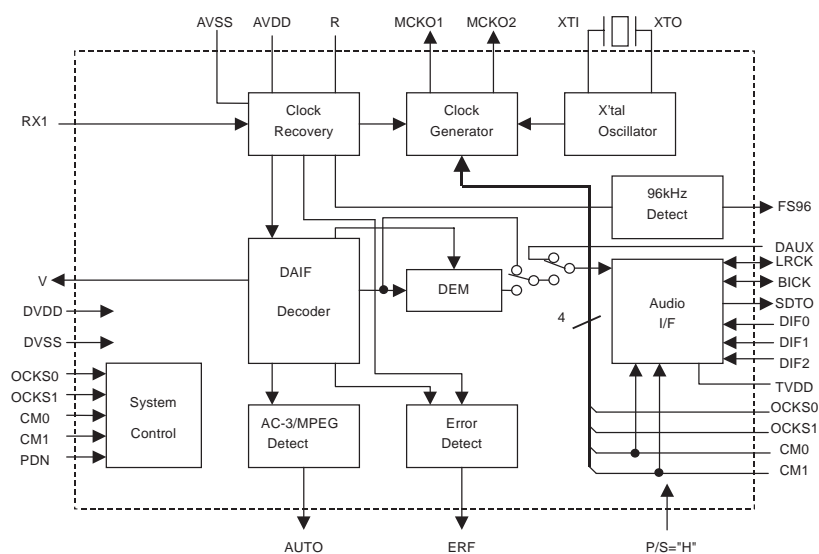
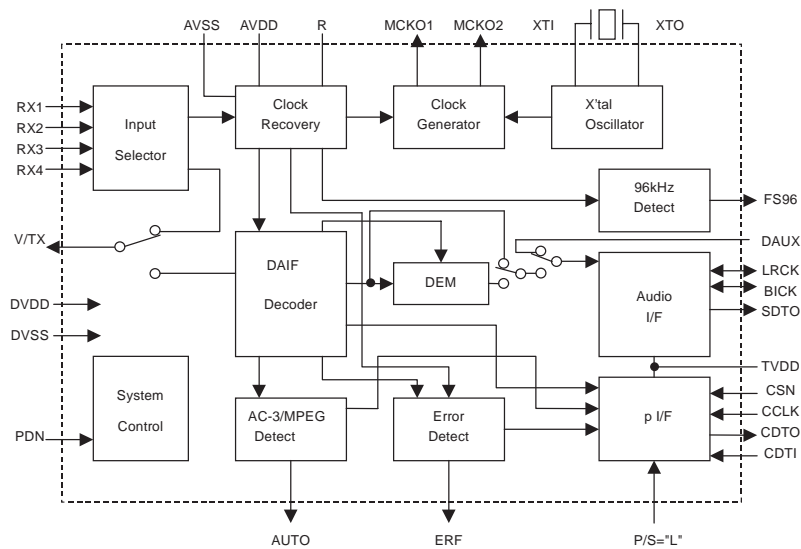
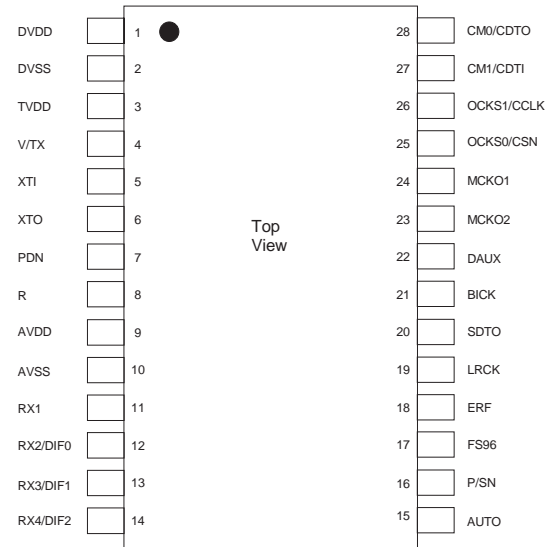
- Y Output Data Waveform in Component Output



8. Internal Block Diagram of ICs

DV-115/125

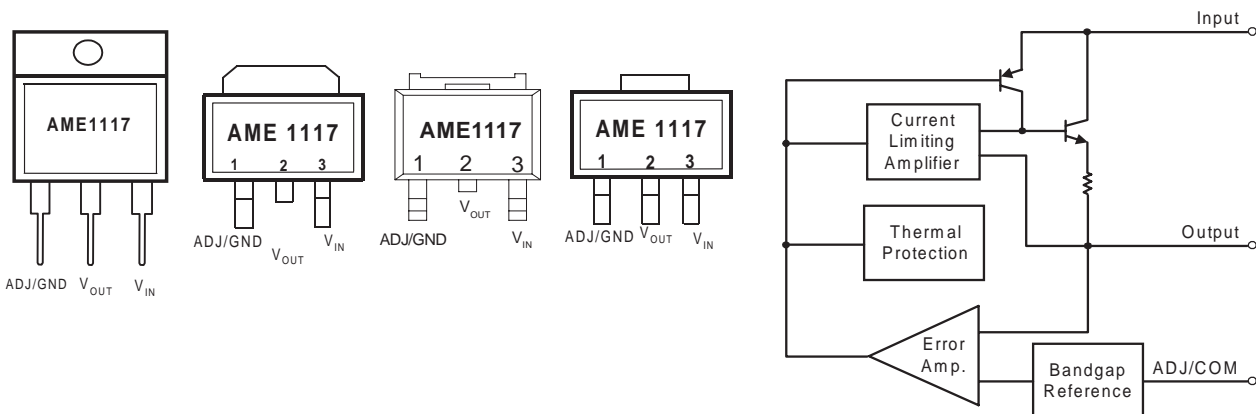
• AK-4112A



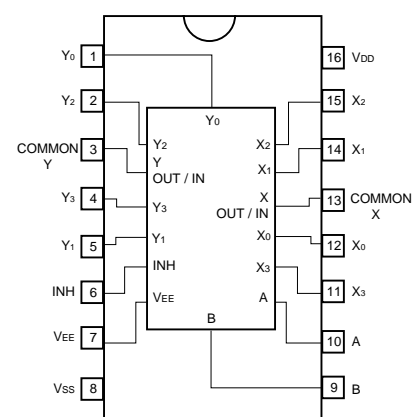
8. Internal Block Diagram of ICs

DV-115/125

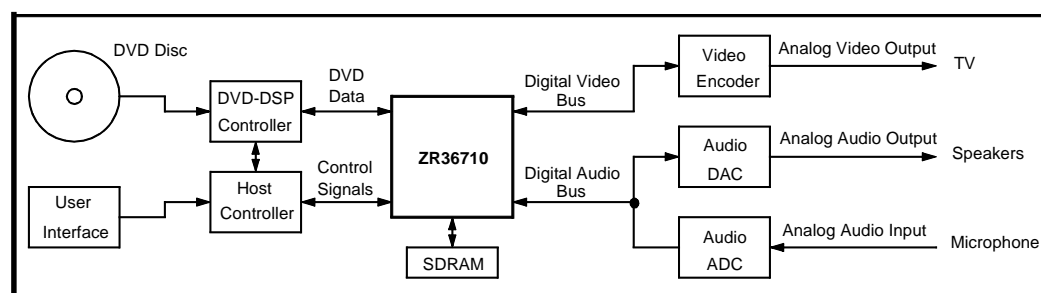
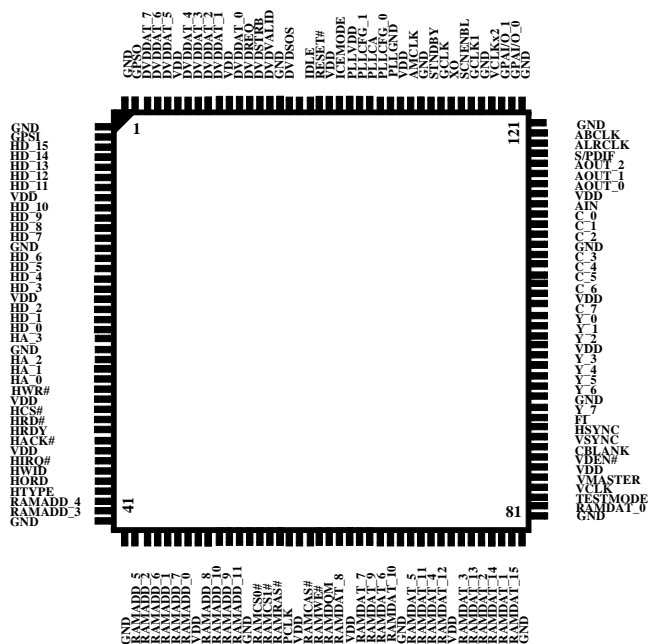
✦ AME1117



+ BU4052BCF



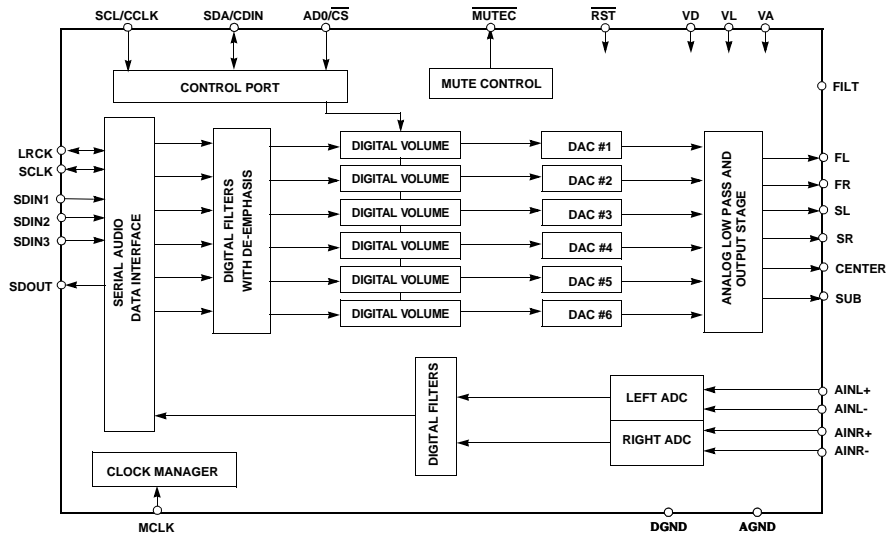
✦ ZR36710a



8. Internal Block Diagram of ICs

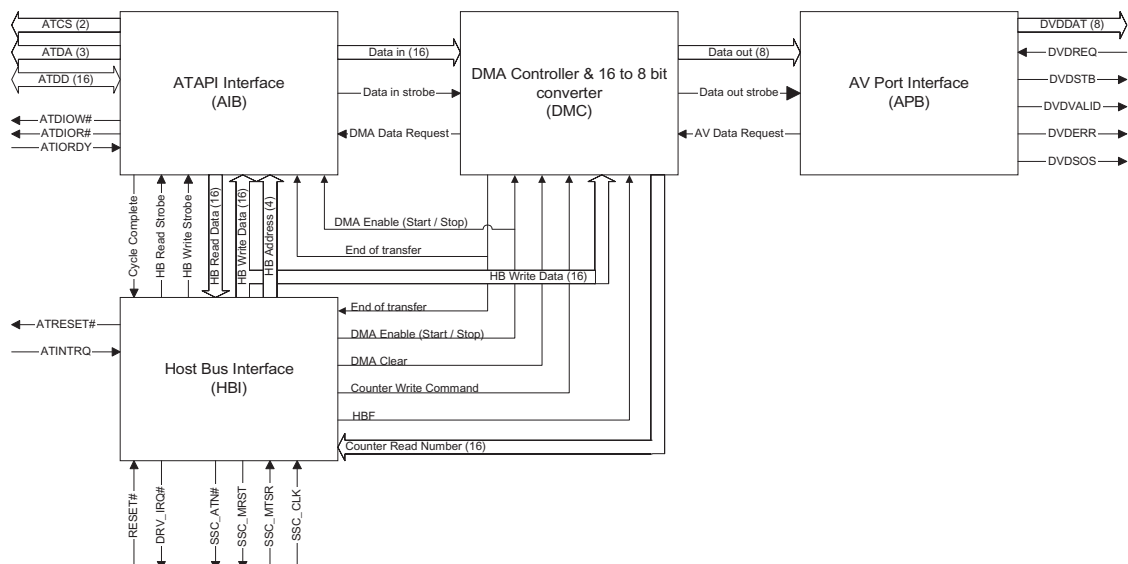
DV-115/125

* CS4228A



| | | | | | |
|-------------------------|----------|----|----|--------|-------------------------------|
| Serial Audio Data In 3 | SDIN3 | 1 | 28 | SUB | Analog Out #6, Subwoofer |
| Serial Audio Data In 2 | SDIN2 | 2 | 27 | CENTER | Analog Out #5, Center |
| Serial Audio Data In 1 | SDIN1 | 3 | 26 | SR | Analog Out #4, Surround Right |
| Serial Audio Data Out | SDOUT | 4 | 25 | SL | Analog Out #3, Surround Left |
| Serial Clock | SCLK | 5 | 24 | FR | Analog Out #2, Front Right |
| Left/Right Clock | LRCK | 6 | 23 | FL | Analog Out #1, Front Left |
| Digital Ground | DGND | 7 | 22 | AGND | Analog Ground |
| Digital Power | VD | 8 | 21 | VA | Analog Power |
| Digital Interface Power | VL | 9 | 20 | AINL+ | Left Channel Analog Input+ |
| Master Clock | MCLK | 10 | 19 | AINL- | Left Channel Analog Input- |
| SCL/CCLK | SCL/CCLK | 11 | 18 | FILT | Internal Voltage Filter |
| SDA/CDIN | SDA/CDIN | 12 | 17 | AINR- | Right Channel Analog Input- |
| AD0/CS | AD0/CS | 13 | 16 | AINR+ | Right Channel Analog Input+ |
| Reset | RST | 14 | 15 | MUTE | Mute Control |

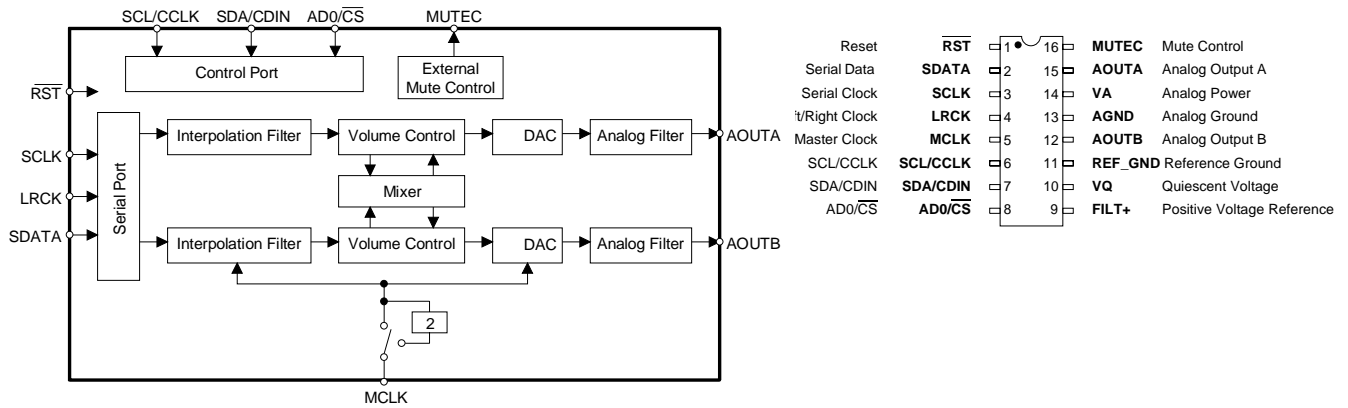
* ZR36701



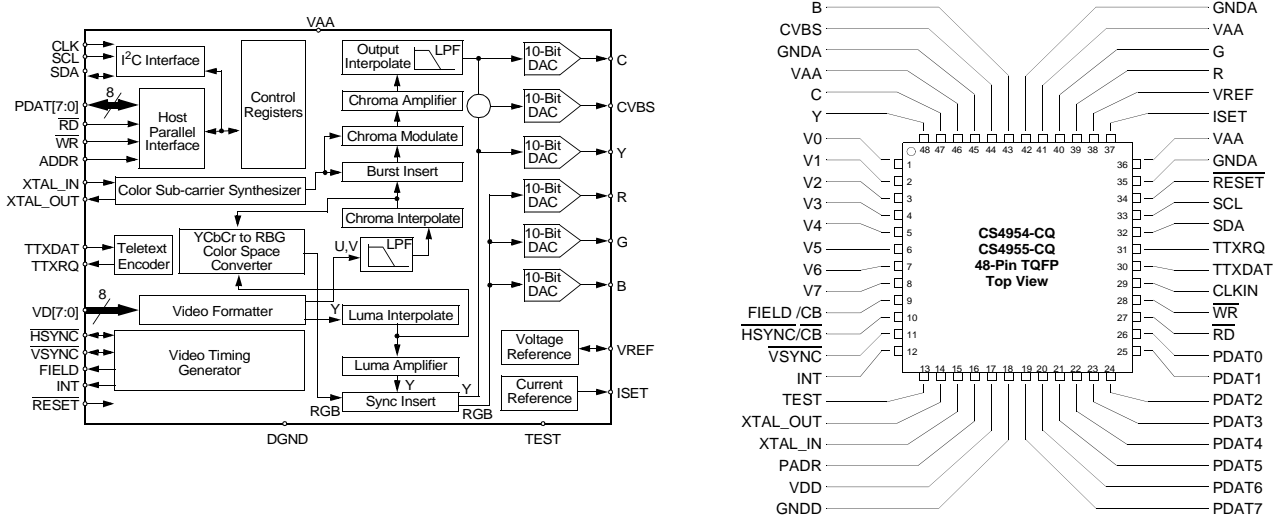
8. Internal Block Diagram of ICs

DV-115/125

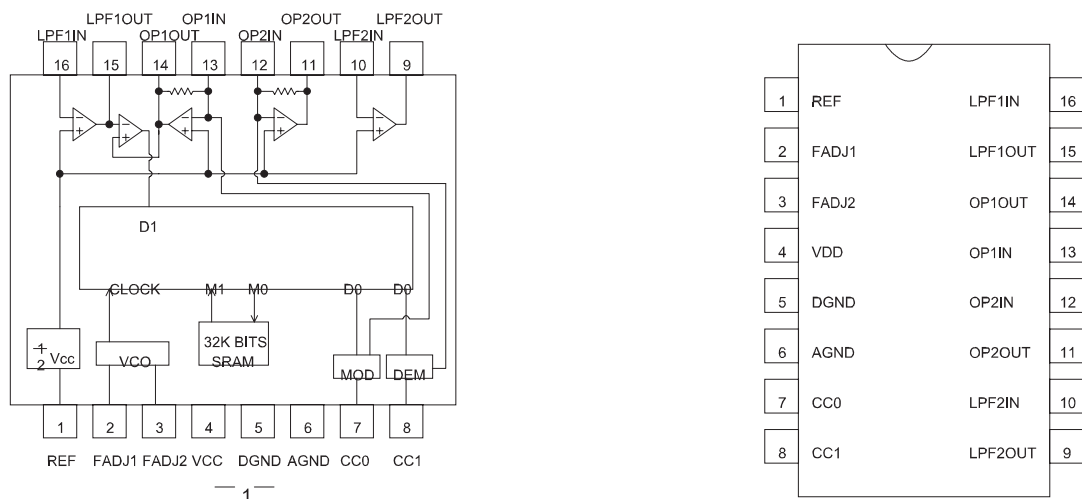
• CS434



• CS4955



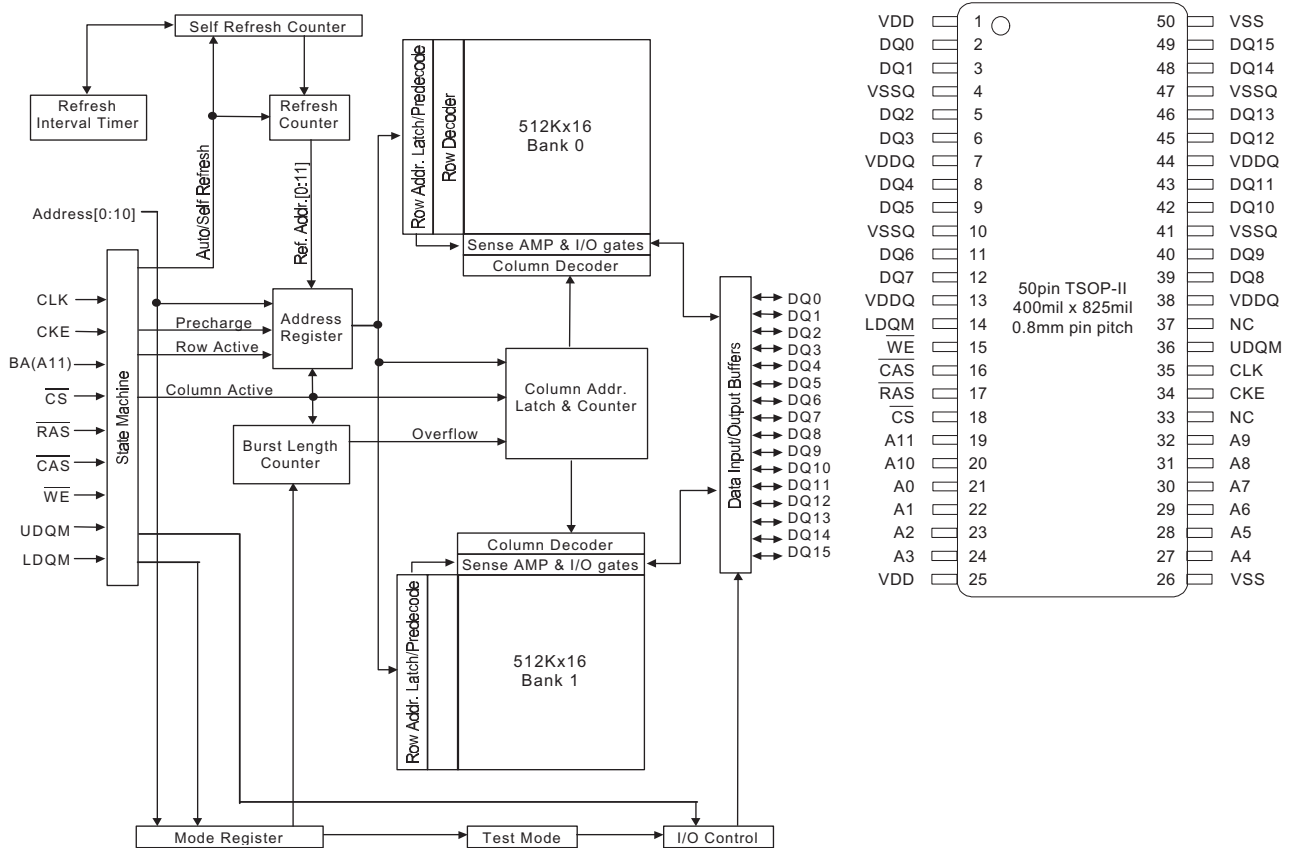
• ES56033



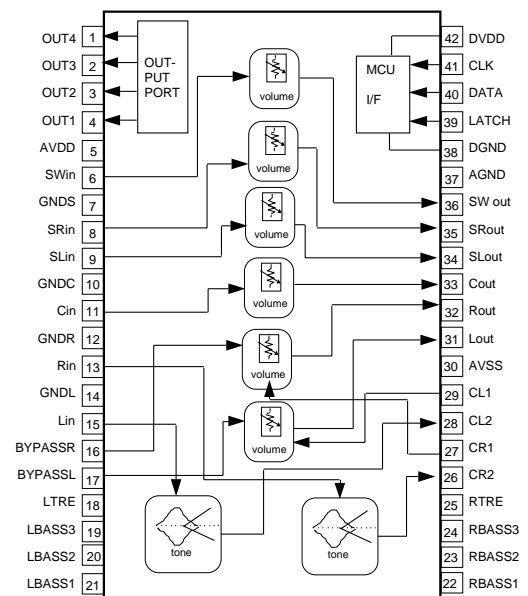
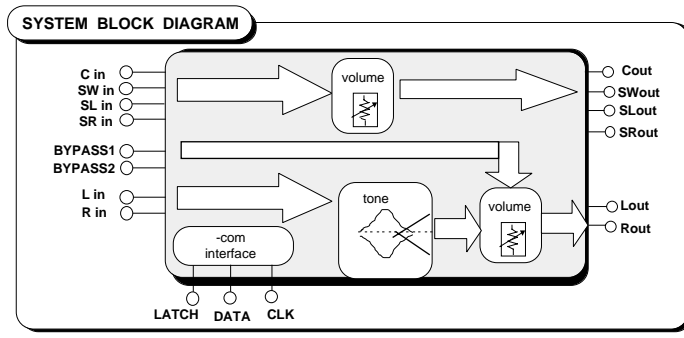
8. Internal Block Diagram of ICs

DV-115/125

• HY57V161610DTC-8



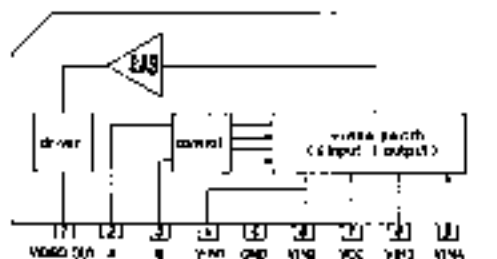
• M62446FP



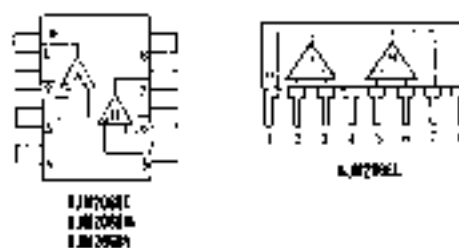
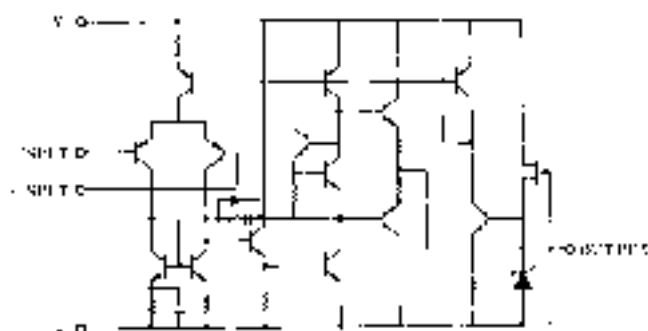
8. Internal Block Diagram of ICs

DV-115/125

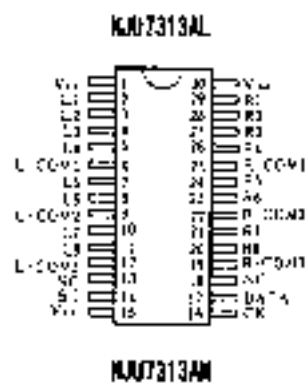
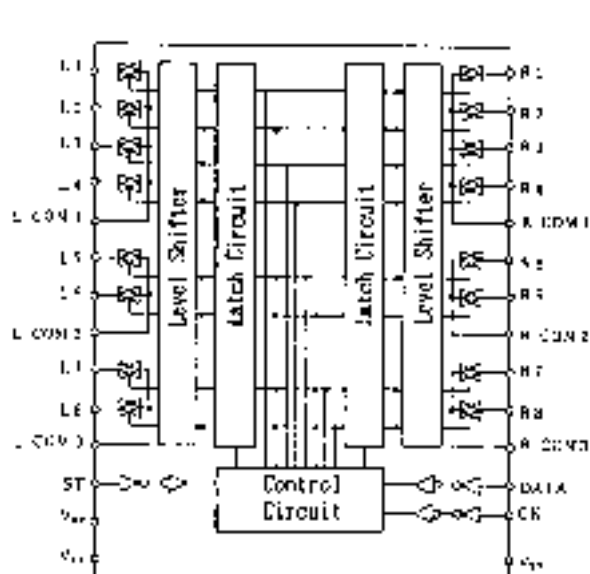
✦ LA7952



✦ NJM2068



✦ NJU7313A



9. IC Voltage Chart

DV-115/125

1. IC402 ZR36710

| PIN | PLAY | STOP | PIN | PLAY | STOP | PIN | PLAY | STOP | PIN | PLAY | STOP |
|-----|------|------|-----|------|------|-----|------|------|-----|------|------|
| 1 | 0.0 | 0.0 | 41 | 0.0 | 0.0 | 81 | 0.0 | 0.0 | 121 | 0.0 | 0.0 |
| 2 | 0.0 | 0.0 | 42 | 0.7 | 0.0 | 82 | 1.0 | 0.6 | 122 | 0.0 | 0.0 |
| 3 | 2.8 | 2.8 | 43 | 0.4 | 0.0 | 83 | 3.3 | 3.3 | 123 | 0.0 | 0.0 |
| 4 | 2.8 | 2.8 | 44 | 0.5 | 0.0 | 84 | 1.7 | 1.7 | 124 | 1.7 | 1.7 |
| 5 | 2.8 | 2.8 | 45 | 0.4 | 0.0 | 85 | 3.3 | 3.3 | 125 | 0.0 | 0.0 |
| 6 | 2.8 | 2.8 | 46 | 0.5 | 0.0 | 86 | 3.3 | 3.3 | 126 | 1.5 | 1.5 |
| 7 | 3.3 | 3.3 | 47 | 0.4 | 0.0 | 87 | 0.0 | 0.0 | 127 | 0.0 | 0.0 |
| 8 | 3.3 | 3.3 | 48 | 3.3 | 3.3 | 88 | 1.4 | 1.2 | 128 | 1.3 | 1.3 |
| 9 | 2.8 | 2.8 | 49 | 0.4 | 0.0 | 89 | 3.2 | 3.2 | 129 | 1.5 | 1.5 |
| 10 | 2.8 | 2.8 | 50 | 2.0 | 2.5 | 90 | 3.0 | 3.0 | 130 | 5.0 | 5.0 |
| 11 | 2.8 | 2.8 | 51 | 0.4 | 0.0 | 91 | 1.6 | 1.6 | 131 | 0.0 | 0.0 |
| 12 | 2.5 | 2.5 | 52 | 0.8 | 0.0 | 92 | 1.5 | 2.0 | 132 | 1.7 | 1.7 |
| 13 | 0.0 | 0.0 | 53 | 0.0 | 0.0 | 93 | 0.0 | 0.0 | 133 | 3.3 | 3.3 |
| 14 | 2.1 | 2.1 | 54 | 3.0 | 3.3 | 94 | 1.5 | 1.5 | 134 | 0.0 | 0.0 |
| 15 | 2.6 | 2.6 | 55 | 3.1 | 3.3 | 95 | 1.0 | 1.0 | 135 | 0.0 | 0.0 |
| 16 | 2.6 | 2.6 | 56 | 3.1 | 3.3 | 96 | 1.7 | 1.7 | 136 | 1.9 | 1.9 |
| 17 | 2.6 | 2.6 | 57 | 1.5 | 0.0 | 97 | 1.0 | 1.0 | 137 | 0.0 | 0.0 |
| 18 | 3.3 | 3.3 | 58 | 3.3 | 3.3 | 98 | 3.3 | 3.3 | 138 | 3.3 | 3.3 |
| 19 | 2.3 | 2.3 | 59 | 3.2 | 3.2 | 99 | 1.0 | 1.0 | 139 | 3.3 | 3.3 |
| 20 | 2.2 | 2.2 | 60 | 3.1 | 3.3 | 100 | 1.0 | 1.0 | 140 | 3.3 | 3.3 |
| 21 | 1.8 | 1.8 | 61 | 0.0 | 0.0 | 101 | 1.0 | 1.0 | 141 | 5.0 | 5.0 |
| 22 | 2.3 | 2.6 | 62 | 1.1 | 0.6 | 102 | 0.0 | 0.0 | 142 | 0.0 | 3.3 |
| 23 | 0.0 | 0.0 | 63 | 3.3 | 3.3 | 103 | 3.3 | 3.3 | 143 | 0.0 | 0.0 |
| 24 | 2.5 | 2.3 | 64 | 1.0 | 0.6 | 104 | 0.0 | 0.0 | 144 | 4.0 | 4.0 |
| 25 | 2.5 | 2.5 | 65 | 1.0 | 3.3 | 105 | 0.0 | 0.0 | 145 | 0.0 | 0.0 |
| 26 | 2.5 | 2.5 | 66 | 0.8 | 0.8 | 106 | 0.0 | 0.0 | 146 | 4.3 | 5.0 |
| 27 | 5.0 | 5.0 | 67 | 0.9 | 0.5 | 107 | 0.0 | 0.0 | 147 | 1.7 | 1.7 |
| 28 | 3.3 | 3.3 | 68 | 0.0 | 0.0 | 108 | 0.0 | 0.0 | 148 | 2.0 | 3.3 |
| 29 | 5.0 | 5.0 | 69 | 0.6 | 0.6 | 109 | 0.0 | 0.0 | 149 | 2.5 | 5.0 |
| 30 | 3.3 | 3.6 | 70 | 1.0 | 0.6 | 110 | 0.0 | 0.0 | 150 | 3.3 | 3.3 |
| 31 | 1.0 | 1.0 | 71 | 0.9 | 0.6 | 111 | 0.0 | 0.0 | 151 | 2.3 | 0.0 |
| 32 | 3.3 | 3.3 | 72 | 1.1 | 0.5 | 112 | 0.0 | 0.0 | 152 | 2.3 | 0.0 |
| 33 | 3.3 | 3.3 | 73 | 3.3 | 3.3 | 113 | 3.3 | 3.3 | 153 | 2.3 | 5.0 |
| 34 | 5.0 | 5.0 | 74 | 1.0 | 0.6 | 114 | 1.1 | 0.0 | 154 | 2.3 | 5.0 |
| 35 | 0.0 | 0.0 | 75 | 1.5 | 0.5 | 115 | 0.0 | 0.0 | 155 | 3.3 | 3.3 |
| 36 | 0.0 | 0.0 | 76 | 1.0 | 0.5 | 116 | 0.0 | 0.0 | 156 | 2.3 | 0.0 |
| 37 | 3.3 | 3.3 | 77 | 1.0 | 0.6 | 117 | 1.6 | 1.6 | 157 | 2.3 | 5.0 |
| 38 | 0.7 | 0.0 | 78 | 1.2 | 0.6 | 118 | 1.6 | 1.6 | 158 | 2.3 | 0.0 |
| 39 | 0.7 | 0.7 | 79 | 1.0 | 0.8 | 119 | 1.6 | 1.6 | 159 | 0.0 | 0.0 |
| 40 | 0.0 | 0.0 | 80 | 0.0 | 0.0 | 120 | 0.0 | 0.0 | 160 | 0.0 | 0.0 |

9. IC Voltage Chart

DV-115/125

2. IC403 A43L0616AV-7

| PIN | PLAY | STOP | PIN | PLAY | STOP | PIN | PLAY | STOP | PIN | PLAY | STOP |
|-----|------|------|-----|------|------|-----|------|------|-----|------|------|
| 1 | 3.3 | 3.3 | 14 | 0.0 | 0.0 | 27 | 0.7 | 0.0 | 40 | 1.0 | 3.3 |
| 2 | 1.0 | 0.6 | 15 | 3.3 | 3.3 | 28 | 0.7 | 0.0 | 41 | 0.0 | 0.0 |
| 3 | 1.2 | 0.6 | 16 | 3.3 | 3.3 | 29 | 0.5 | 0.0 | 42 | 0.9 | 0.5 |
| 4 | 0.0 | 0.0 | 17 | 0.0 | 0.0 | 30 | 0.5 | 0.0 | 43 | 1.0 | 0.6 |
| 5 | 1.0 | 0.5 | 18 | 0.8 | 0.0 | 31 | 0.4 | 0.0 | 44 | 3.3 | 3.3 |
| 6 | 1.0 | 0.6 | 19 | 0.8 | 0.0 | 32 | 0.4 | 0.0 | 45 | 1.1 | 0.5 |
| 7 | 3.3 | 3.3 | 20 | 2.0 | 2.5 | 33 | 0.0 | 0.0 | 46 | 1.5 | 0.5 |
| 8 | 0.9 | 0.6 | 21 | 0.4 | 0.0 | 34 | 3.3 | 3.3 | 47 | 0.0 | 0.0 |
| 9 | 0.6 | 0.6 | 22 | 0.4 | 0.0 | 35 | 1.6 | 1.6 | 48 | 1.0 | 0.6 |
| 10 | 0.0 | 0.0 | 23 | 0.4 | 0.0 | 36 | 0.0 | 0.0 | 49 | 1.0 | 0.8 |
| 11 | 0.8 | 0.6 | 24 | 0.7 | 0.7 | 37 | 0.0 | 0.0 | 50 | 0.0 | 0.0 |
| 12 | 1.0 | 0.6 | 25 | 3.3 | 3.3 | 38 | 3.3 | 3.3 | | | |
| 13 | 3.3 | 3.3 | 26 | 0.0 | 0.0 | 39 | 1.1 | 0.6 | | | |

3. IC409 ZR36701

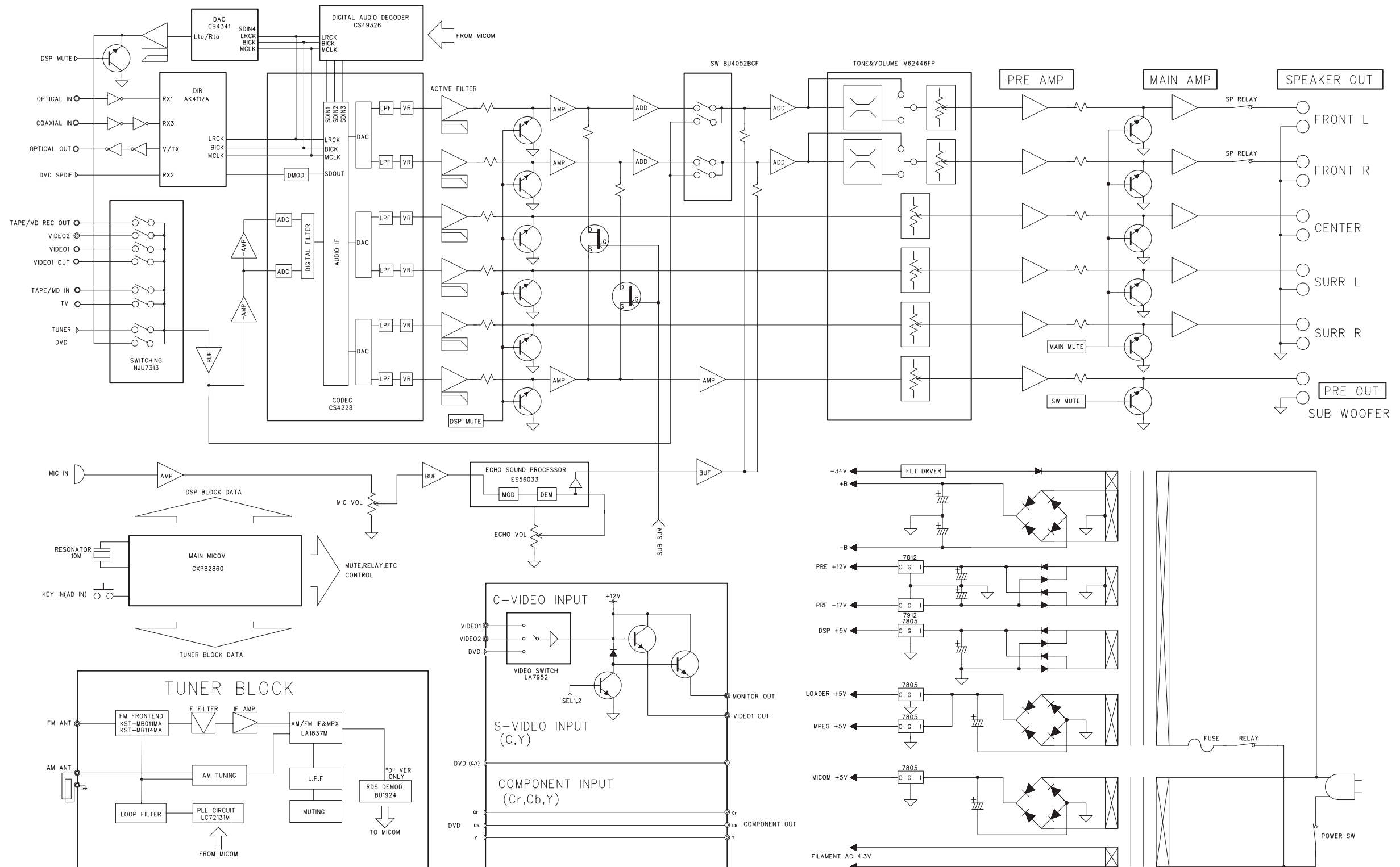
| PIN | PLAY | STOP | PIN | PLAY | STOP | PIN | PLAY | STOP | PIN | PLAY | STOP |
|-----|------|------|-----|------|------|-----|------|------|-----|------|------|
| 1 | 4.9 | 4.9 | 17 | 2.5 | | 33 | 4.9 | 4.9 | 49 | 4.9 | 5.0 |
| 2 | | | 18 | 2.5 | | 34 | 2.0 | | 50 | 4.9 | 5.0 |
| 3 | | | 19 | 2.5 | 4.9 | 35 | 4.9 | 5.0 | 51 | 4.9 | 5.0 |
| 4 | | | 20 | | | 36 | 4.9 | 5.0 | 52 | 4.9 | 4.9 |
| 5 | | | 21 | 2.5 | 4.9 | 37 | 4.9 | 5.0 | 53 | 4.9 | 5.0 |
| 6 | 4.9 | 4.9 | 22 | 2.5 | 4.9 | 38 | 4.9 | 5.0 | 54 | 4.9 | 4.9 |
| 7 | | | 23 | 2.5 | | 39 | 4.9 | 5.0 | 55 | 4.9 | 4.9 |
| 8 | 1.7 | 1.7 | 24 | 4.9 | 4.9 | 40 | 4.9 | 5.0 | 56 | 4.9 | 4.9 |
| 9 | | | 25 | 2.5 | | 41 | | | 57 | | |
| 10 | 4.9 | 4.9 | 26 | 2.5 | | 42 | 4.9 | 5.0 | 58 | | |
| 11 | 4.9 | 4.9 | 27 | 3.0 | 3.3 | 43 | 4.9 | 5.0 | 59 | | |
| 12 | | | 28 | | | 44 | 4.9 | 5.0 | 60 | | |
| 13 | | | 29 | 1.7 | 1.7 | 45 | 4.9 | 5.0 | 61 | | |
| 14 | 4.9 | 4.9 | 30 | | | 46 | | | 62 | 4.9 | 4.9 |
| 15 | | | 31 | 4.9 | 4.9 | 47 | 4.9 | 5.0 | 63 | 4.9 | 4.9 |
| 16 | | | 32 | 4.9 | 4.9 | 48 | 4.9 | 5.0 | 64 | | |

4. IC406 A617308S

| PIN | PLAY | STOP | PIN | PLAY | STOP | PIN | PLAY | STOP | PIN | PLAY | STOP |
|-----|------|------|-----|------|------|-----|------|------|-----|------|------|
| 1 | 4.0 | 4.0 | 9 | 2.4 | 2.4 | 17 | 2.5 | 2.5 | 25 | 2.2 | 2.2 |
| 2 | 4.0 | 4.0 | 10 | 2.4 | 2.4 | 18 | 2.5 | 2.5 | 26 | 2.5 | 2.5 |
| 3 | 4.3 | 4.3 | 11 | 2.5 | 2.5 | 19 | 2.0 | 2.0 | 27 | 2.5 | 2.5 |
| 4 | 2.9 | 2.9 | 12 | 2.2 | 2.2 | 20 | 2.0 | 2.0 | 28 | 1.7 | 1.7 |
| 5 | 2.5 | 2.5 | 13 | 1.8 | 1.8 | 21 | 2.5 | 2.5 | 29 | 5.0 | 5.0 |
| 6 | 2.9 | 2.9 | 14 | 2.2 | 2.2 | 22 | 0.0 | 0.0 | 30 | 5.0 | 5.0 |
| 7 | 2.0 | 2.0 | 15 | 2.5 | 2.5 | 23 | 2.4 | 2.4 | 31 | 4.0 | 4.0 |
| 8 | 2.5 | 2.5 | 16 | 0.0 | 0.0 | 24 | 3.5 | 3.5 | 32 | 5.0 | 5.0 |

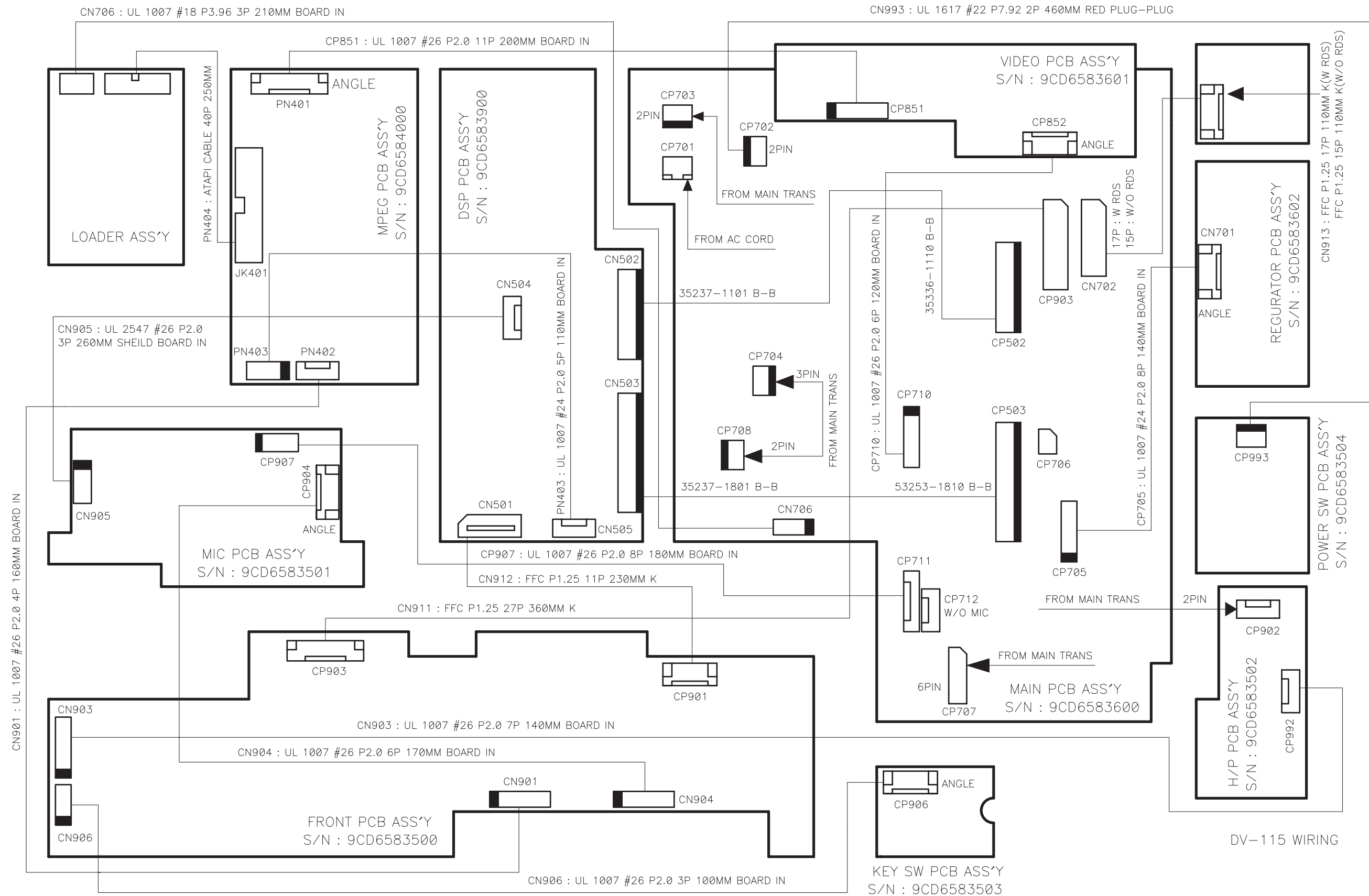
10. Block Diagram

DV-115/125



11. Wiring Diagram

2) DV-125

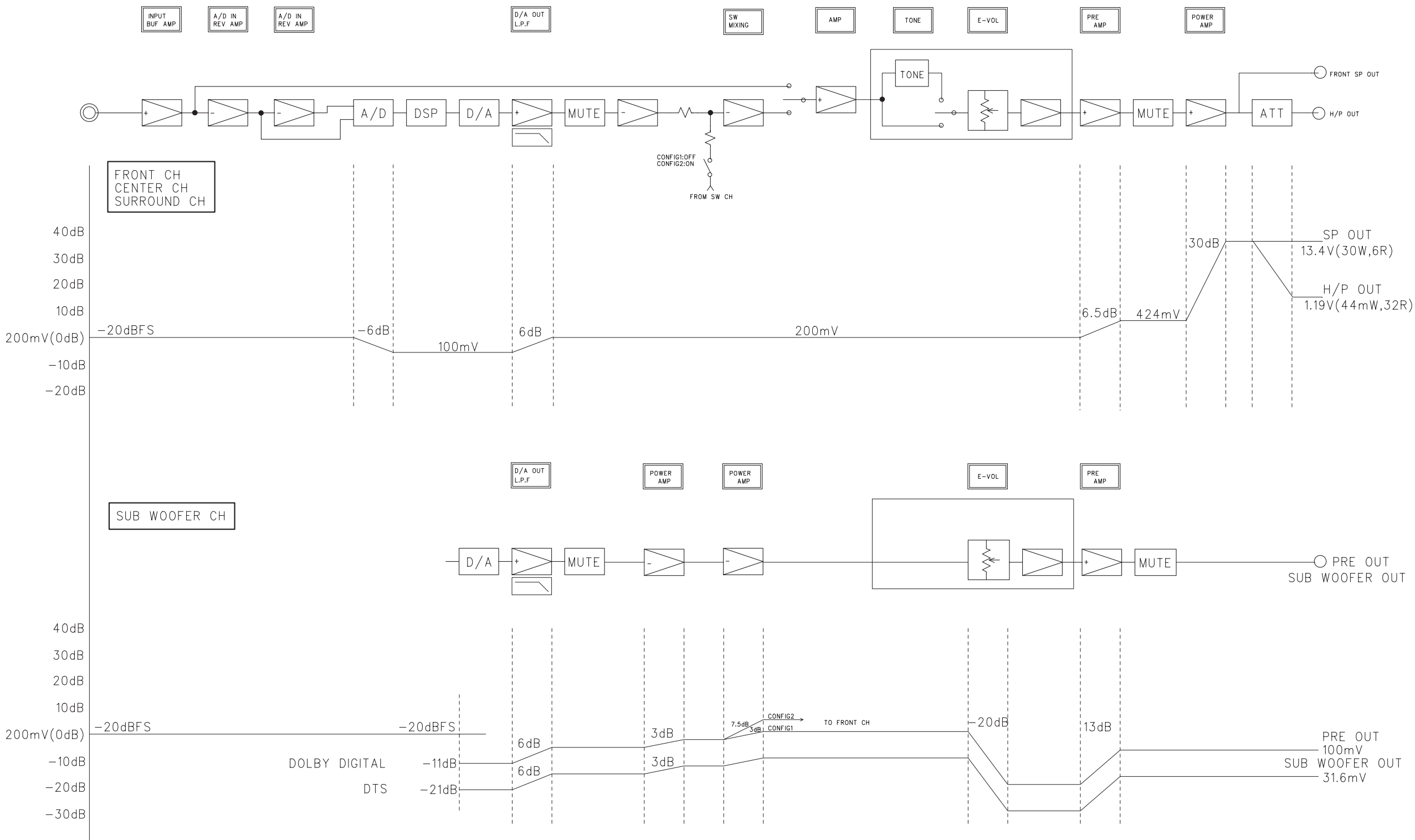


1) DV-115



12. Level Diagram

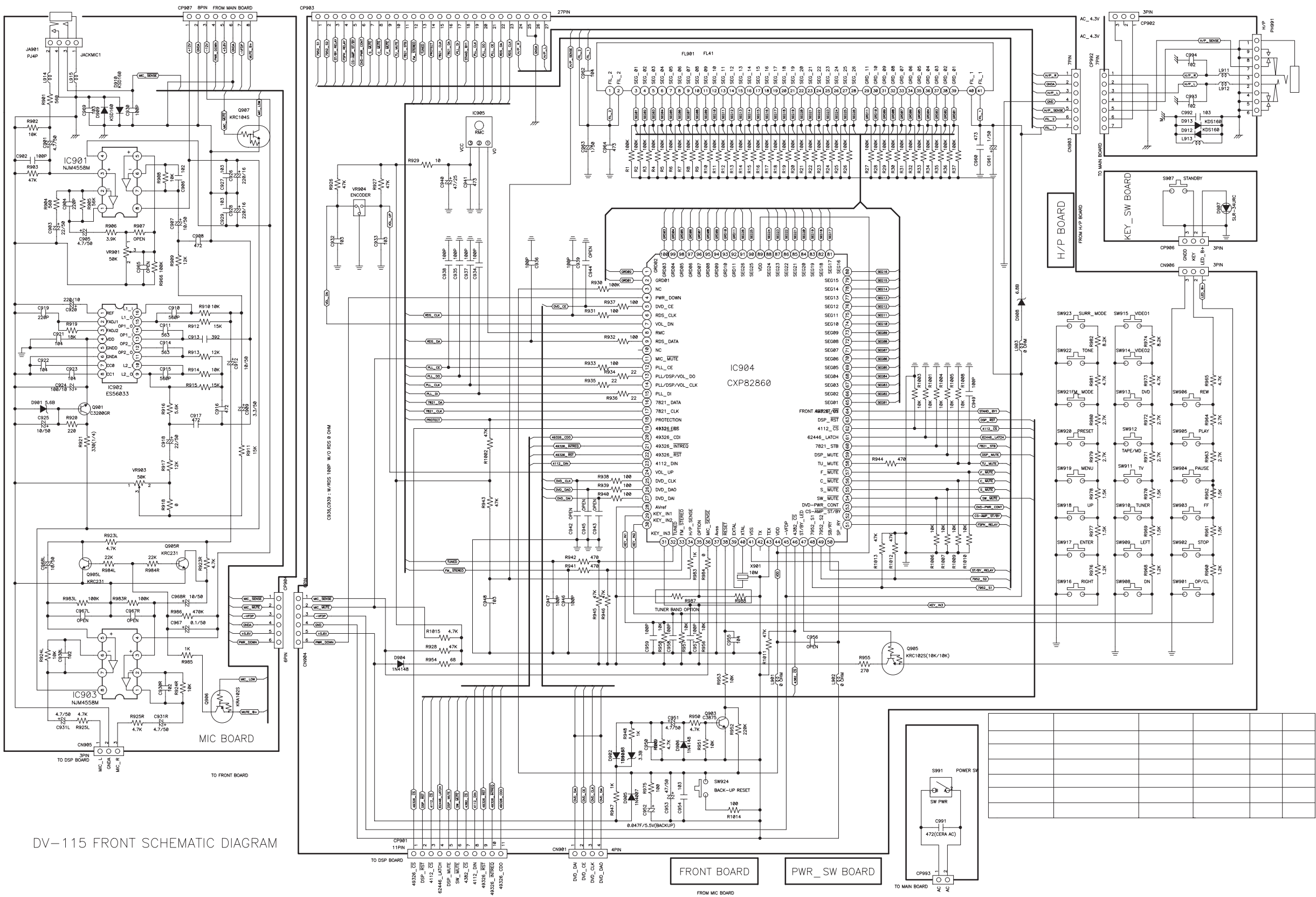
- LEVEL Diagram DV-115/125



13. Schematic Diagram

- FRONT

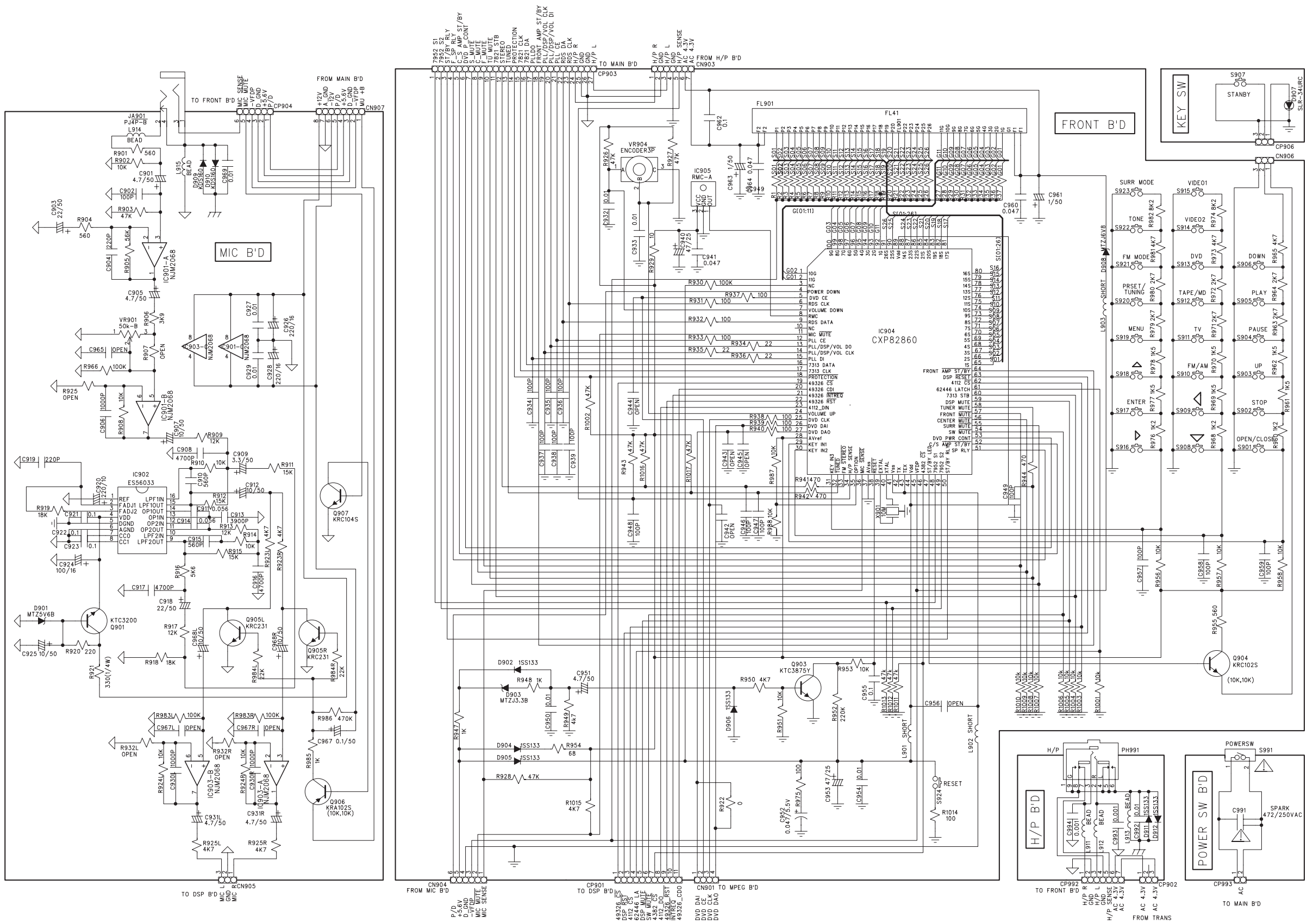
1) DV-115



DV-115 FRONT SCHEMATIC DIAGRAM

13. Schematic Diagram

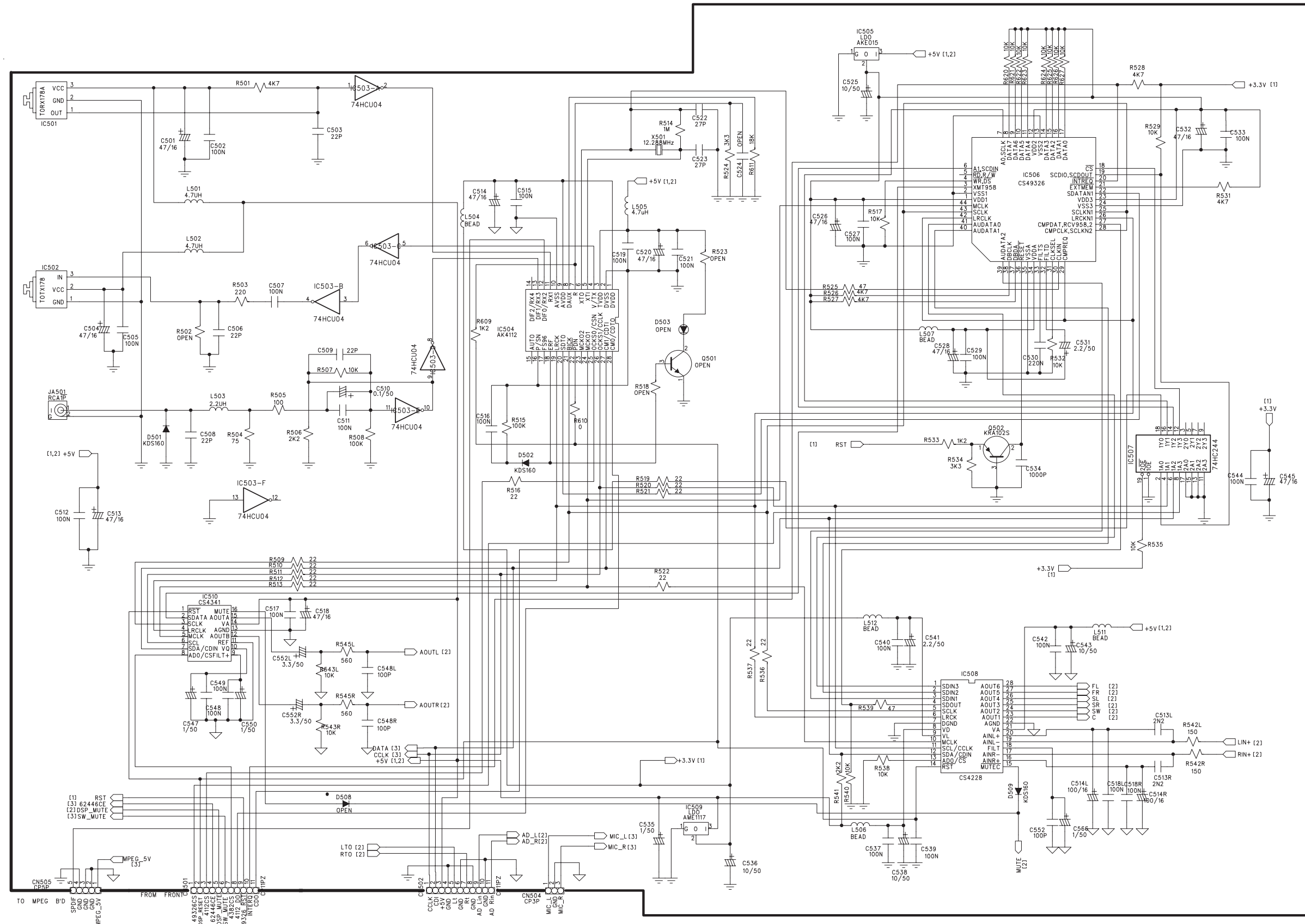
- FRONT
2) DV-125



13. Schematic Diagram

- DSP-1

DV-115/125



-. DSP-2
DV-115/125



DV-115/125



DV-115/125

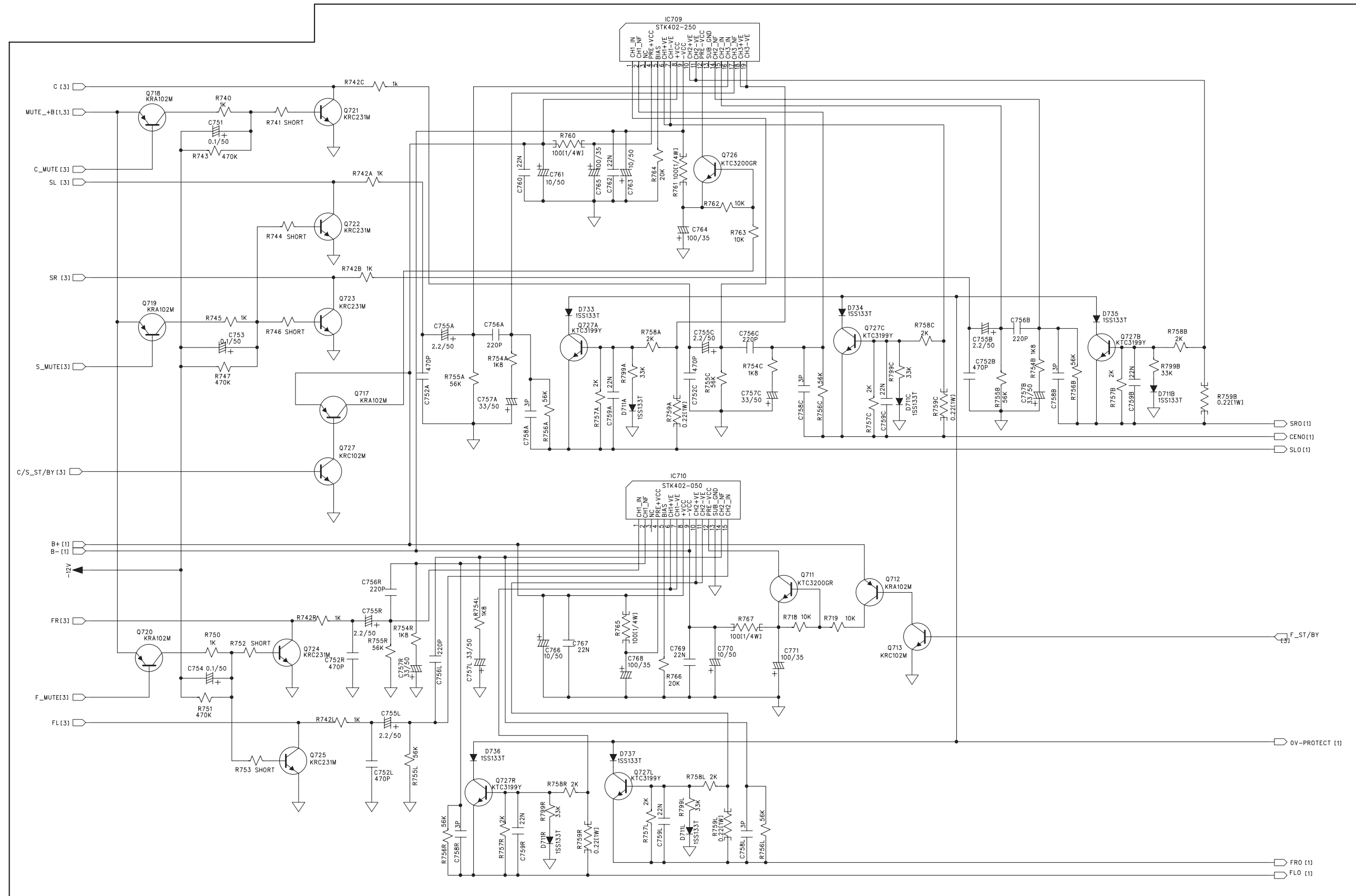


1) Power Schematic Diagram



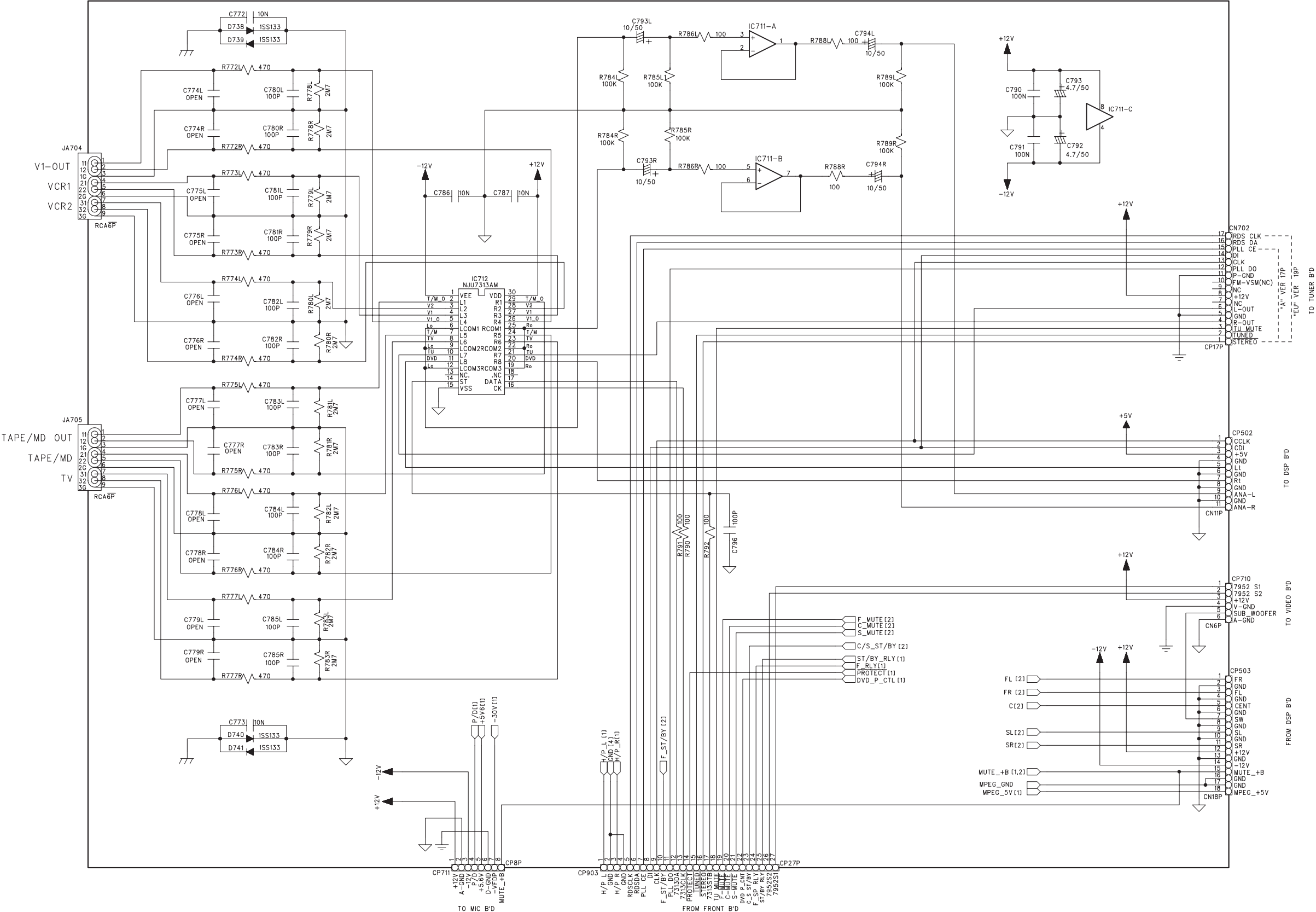
13. Schematic Diagram

- Main Schematic Diagram 2) Amp Schematic Diagram



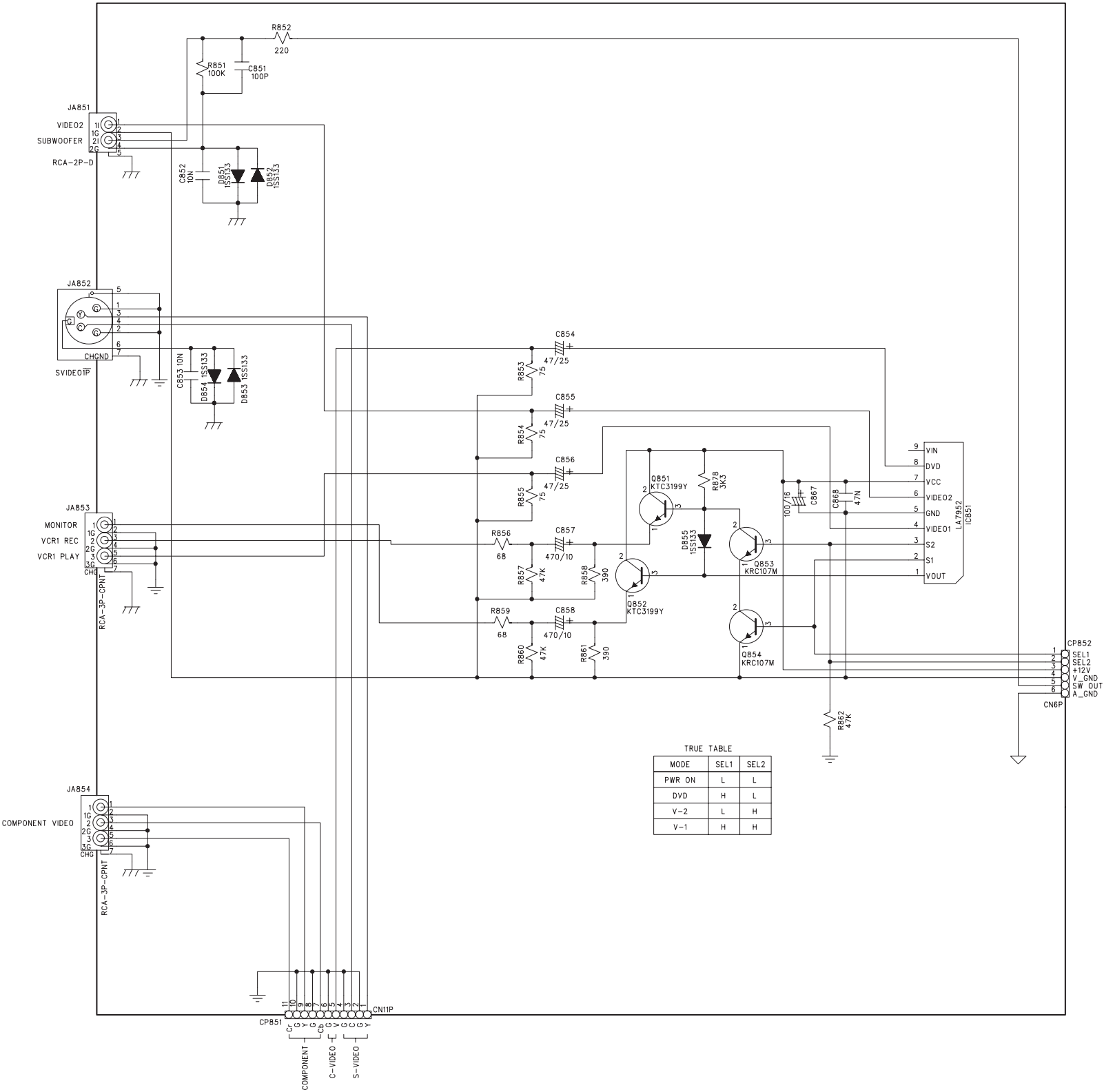
13. Schematic Diagram

- Main Schematic Diagram
3) Input Schematic Diagram



13. Schematic Diagram

- Main Schematic Diagram
- 4) Video Schematic Diagram

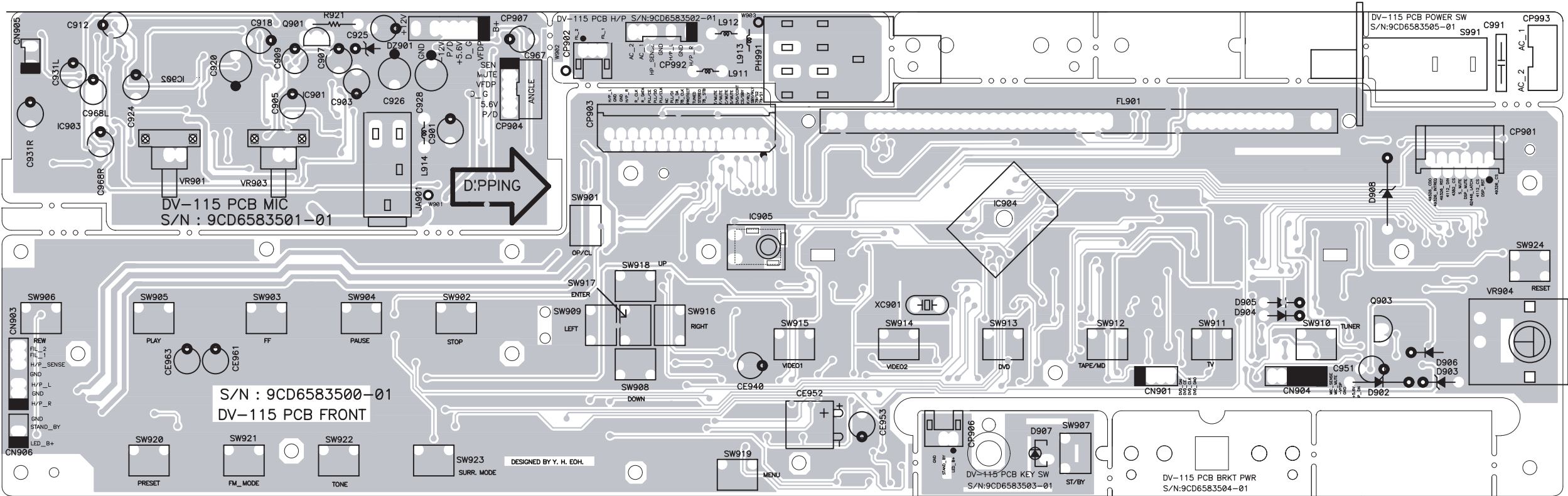


14. Printed Circuit Diagram

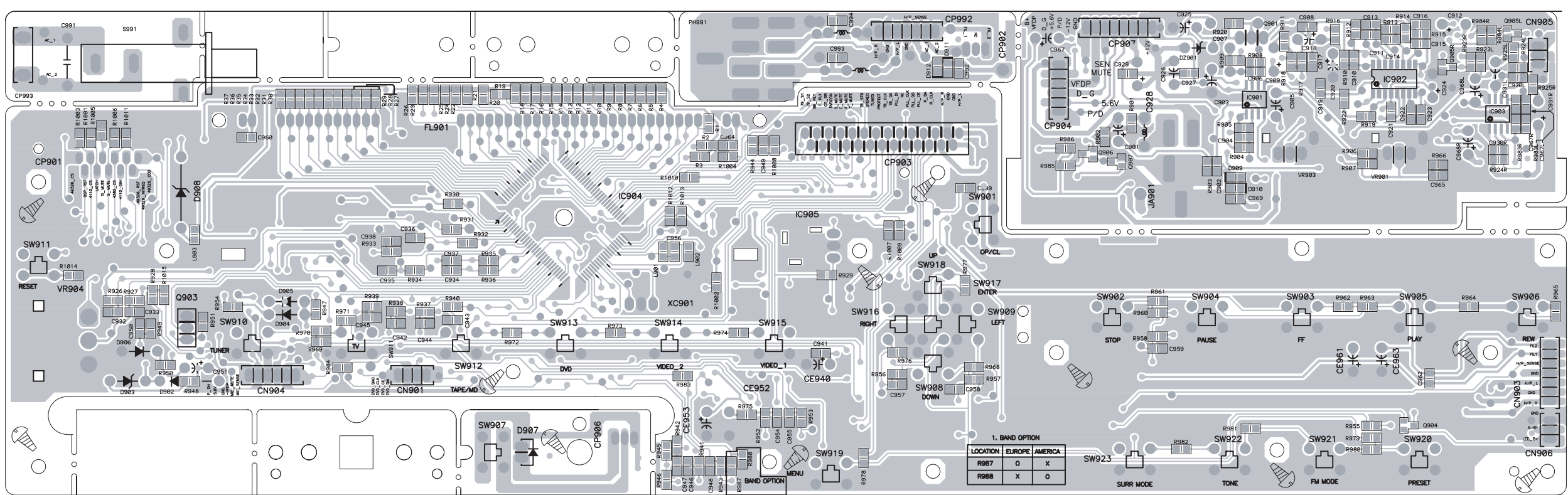
- Front PCB

1) DV-115 Front PCB

1-1) TOP View



1-2) BOTTOM View

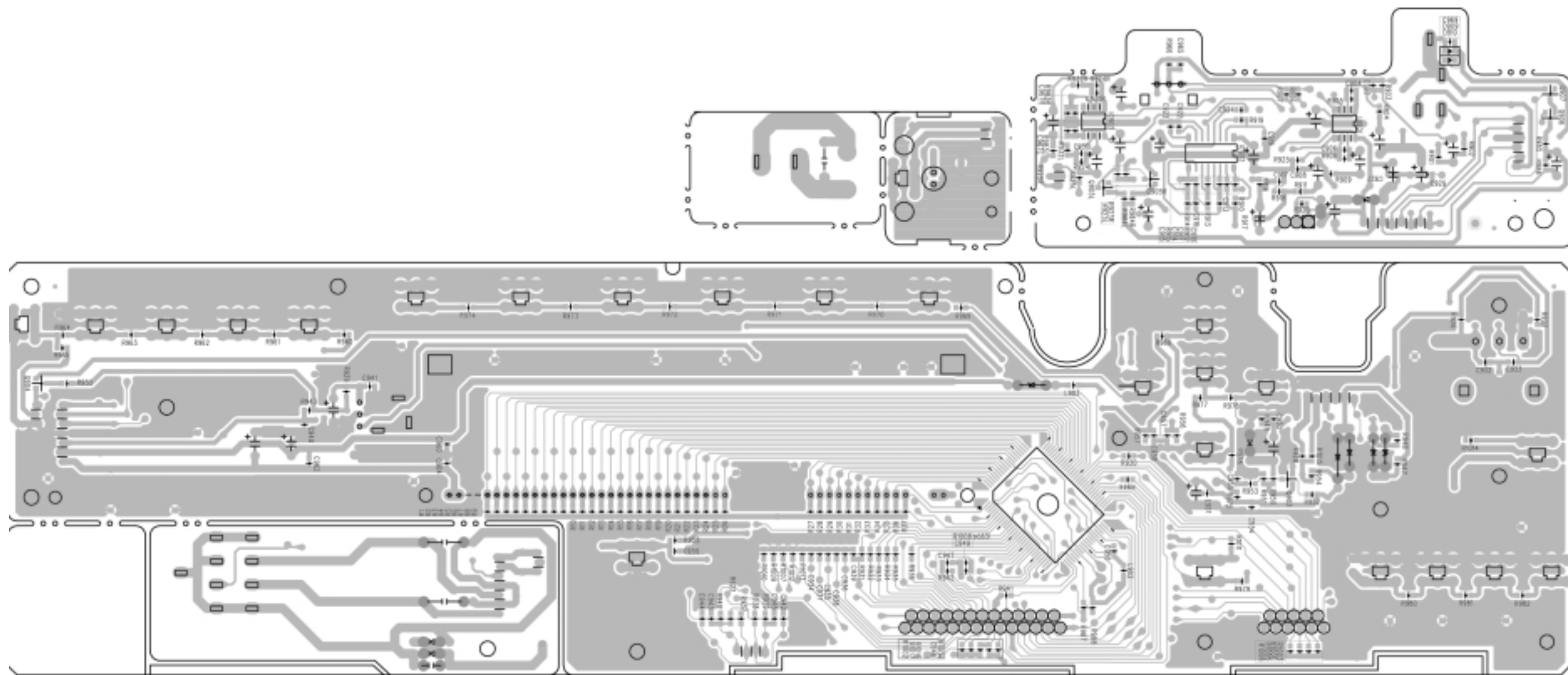


14. Printed Circuit Diagram

- Front PCB

1) DV-125

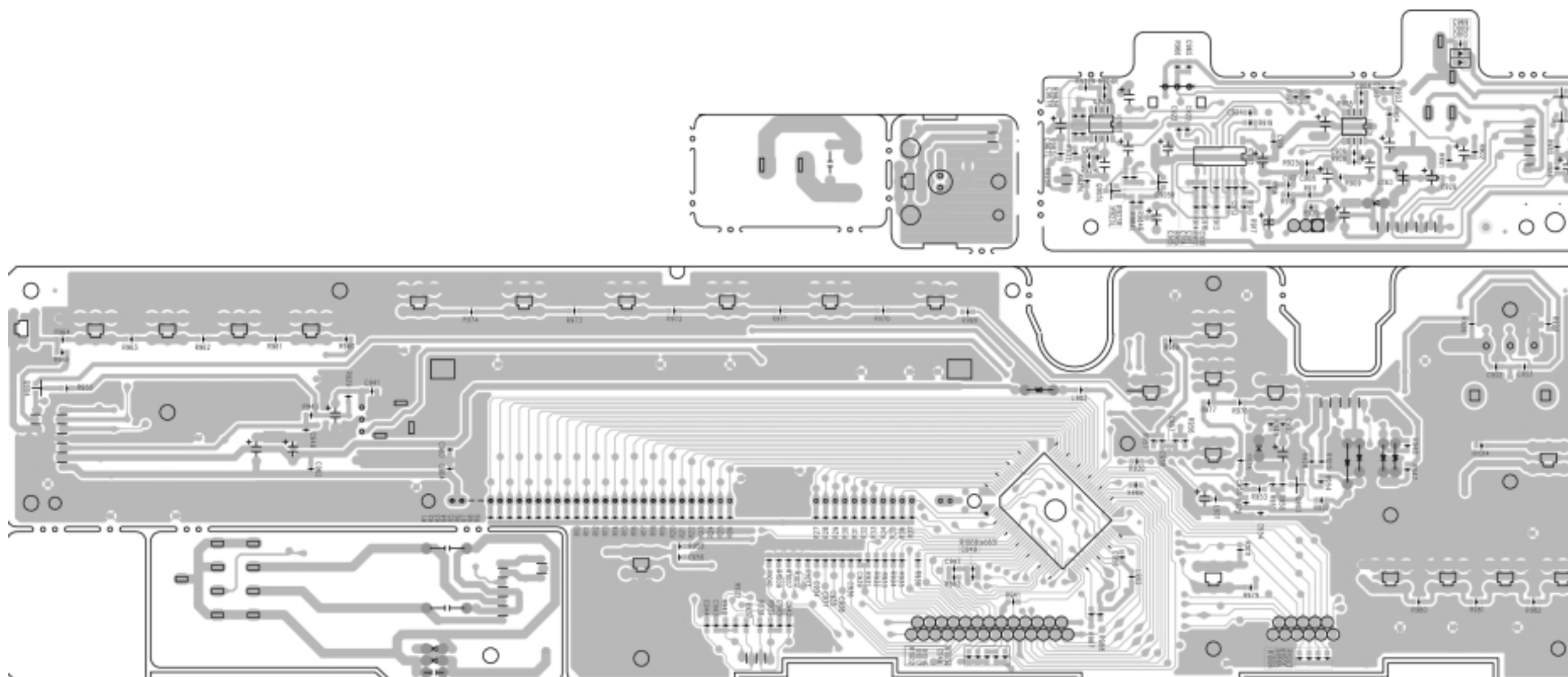
1-1) TOP View



14. Printed Circuit Diagram

-. DV-125 Front PCB

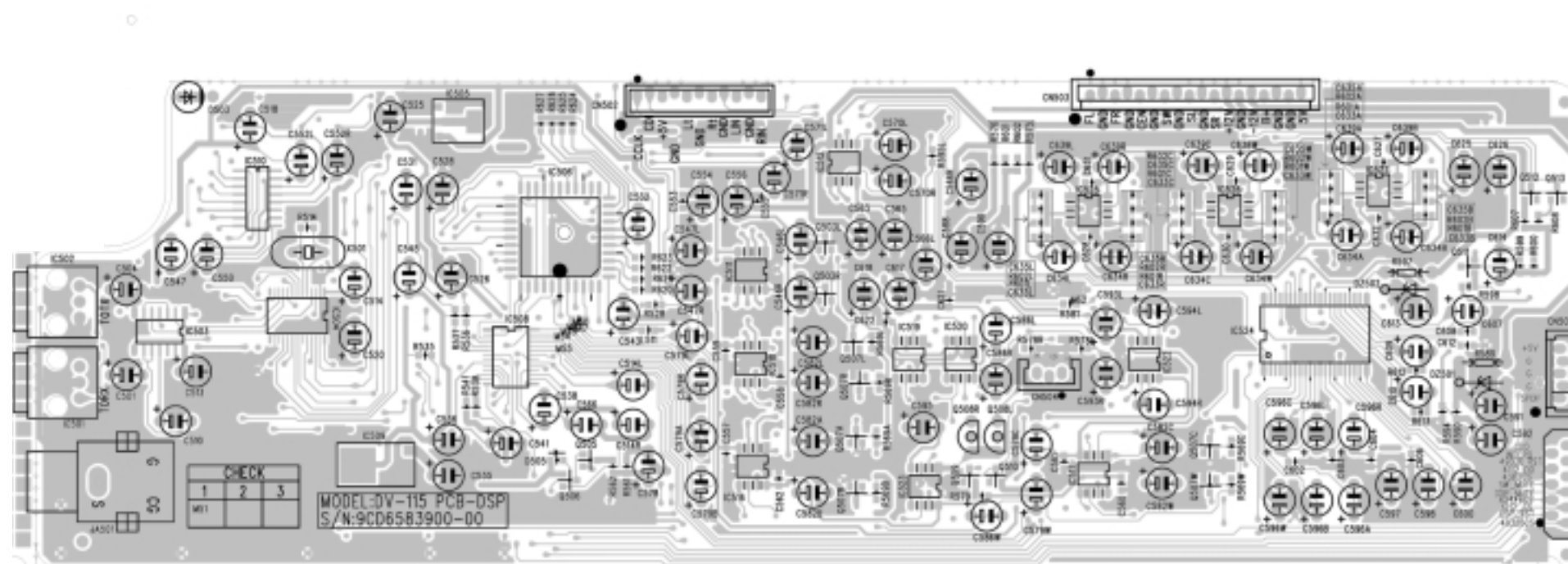
2) BOTTOM View



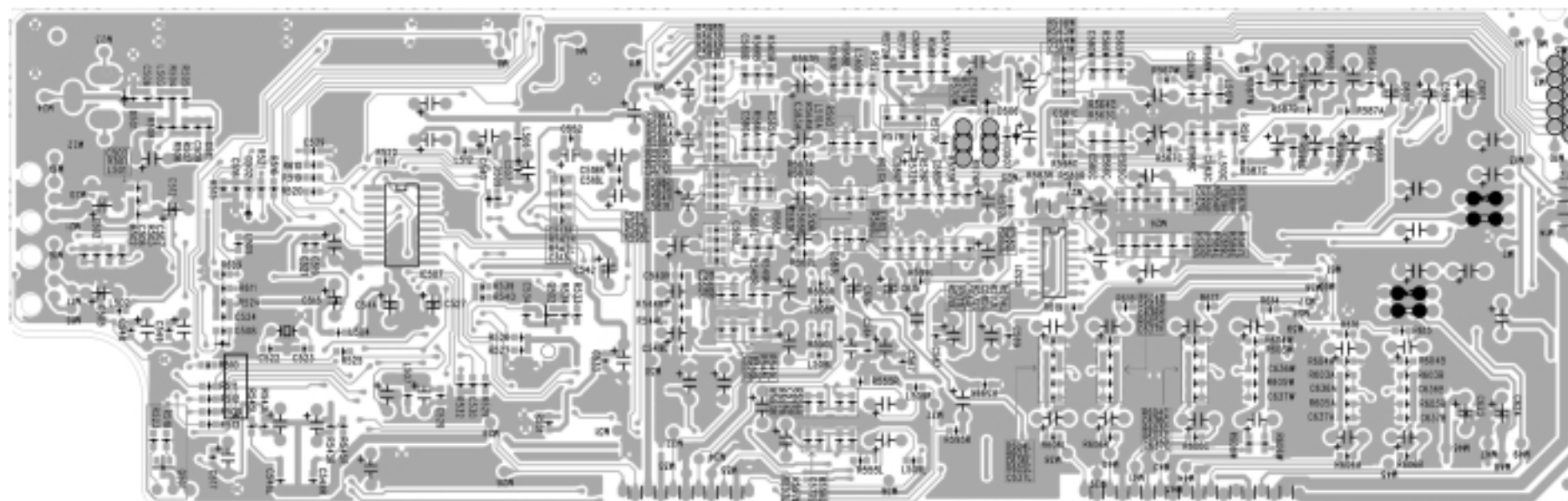
14. Printed Circuit Diagram

- DSP PCB

1) TOP View



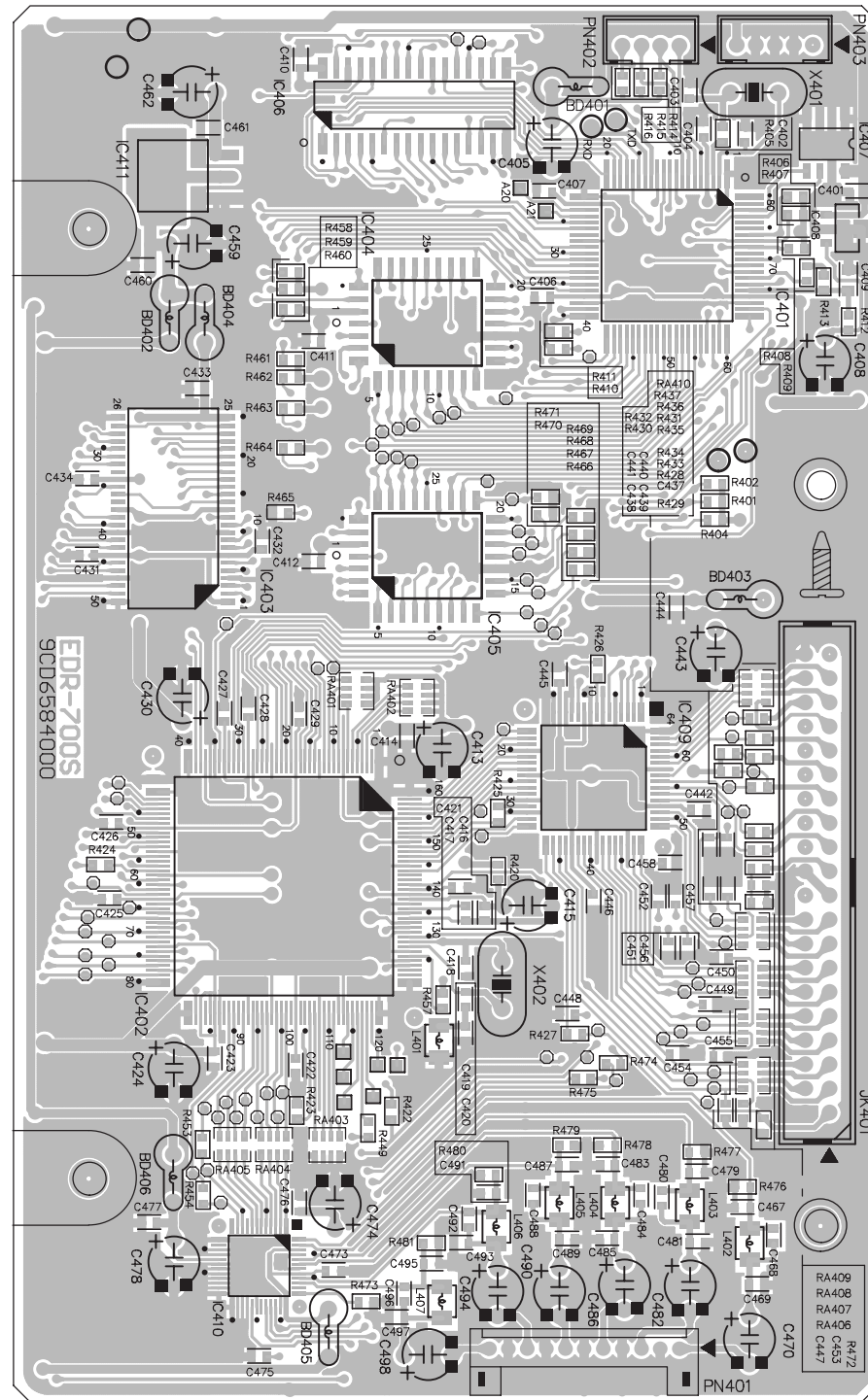
2) BOTTOM View



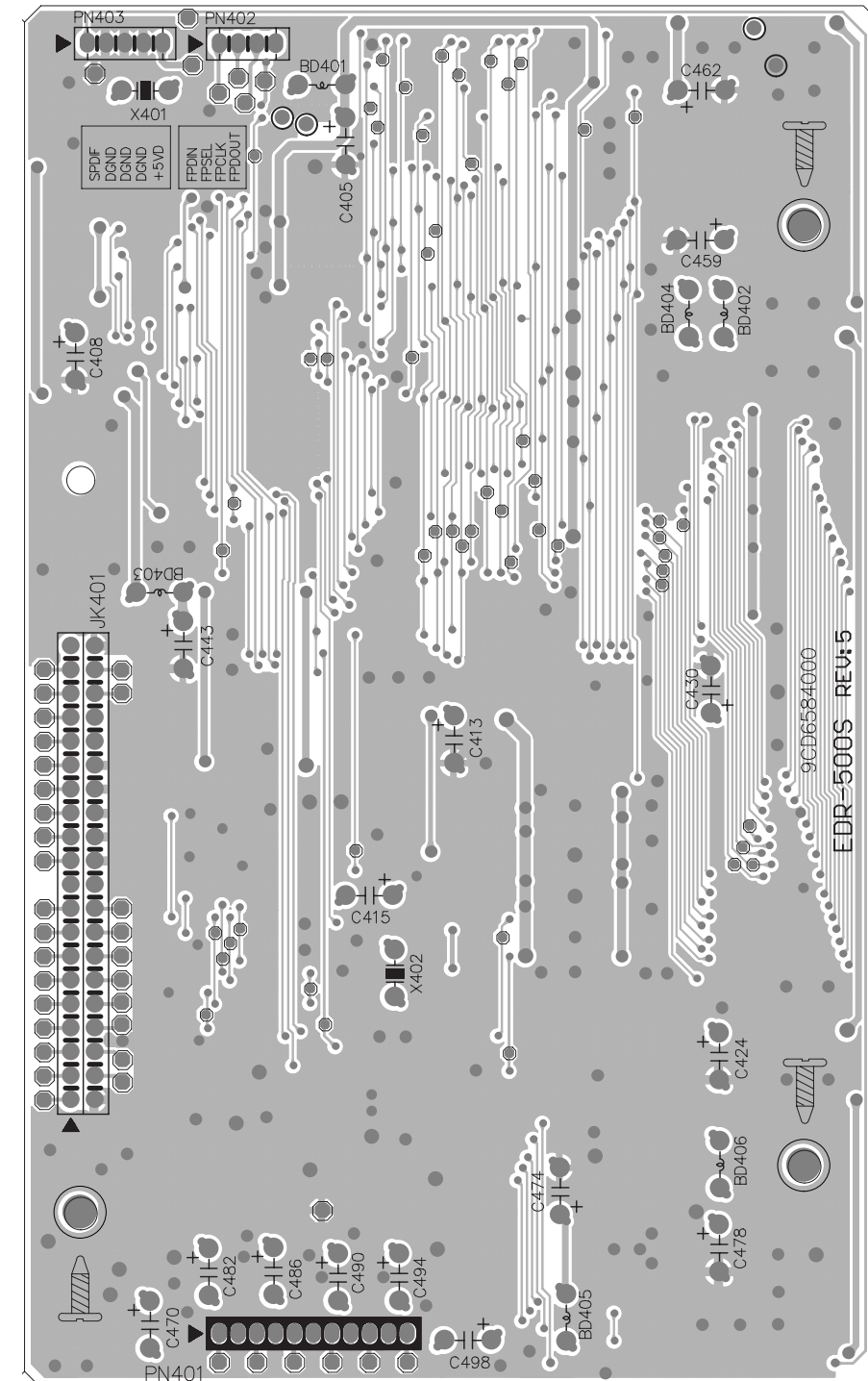
14. Printed Circuit Diagram

-. MPEG PCB
1) TOP View

-. MPEG PCB
1) TOP View

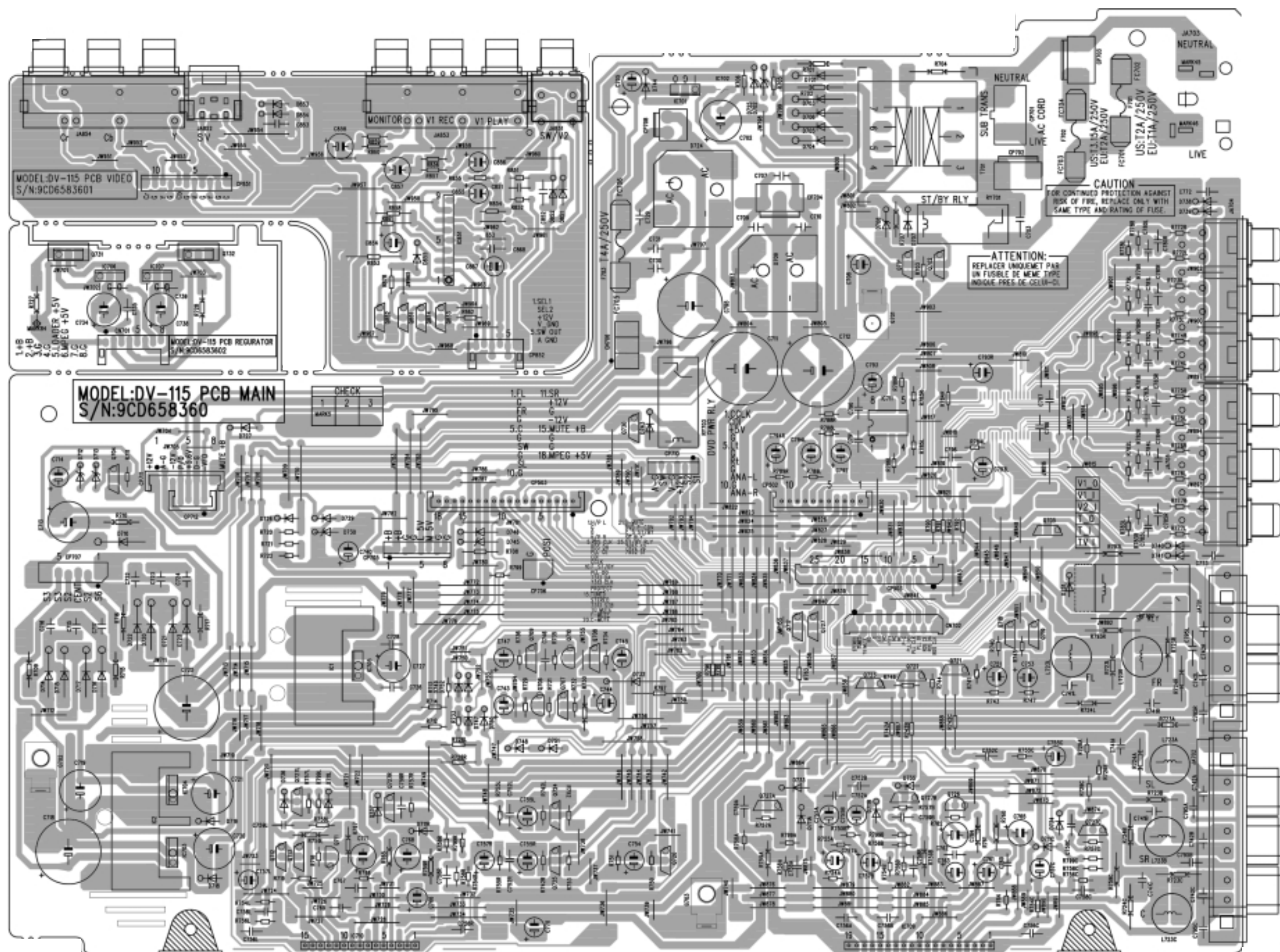


2) BOTTOM View



14. Printed Circuit Diagram

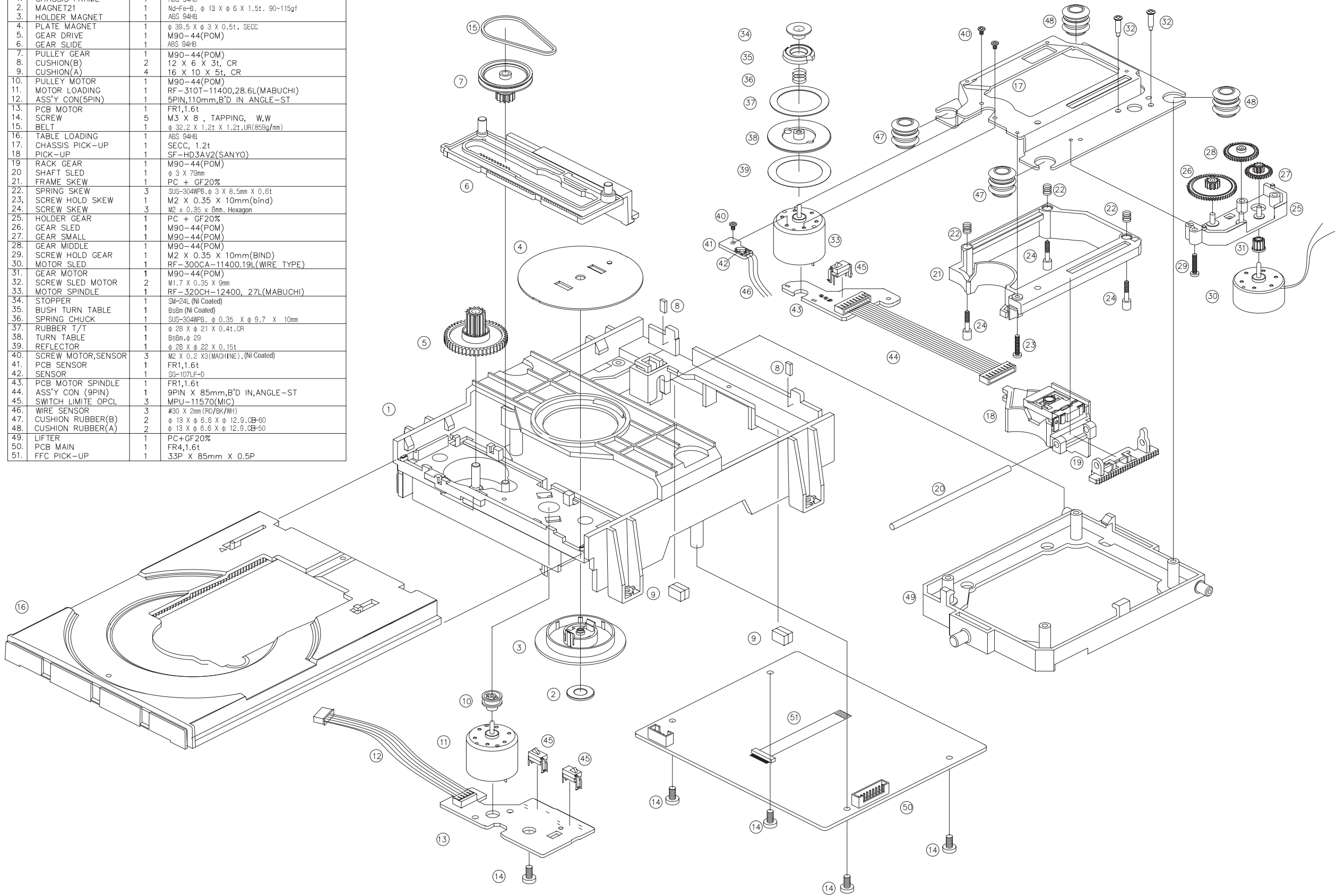
- MAIN PCB
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15. Mechanism

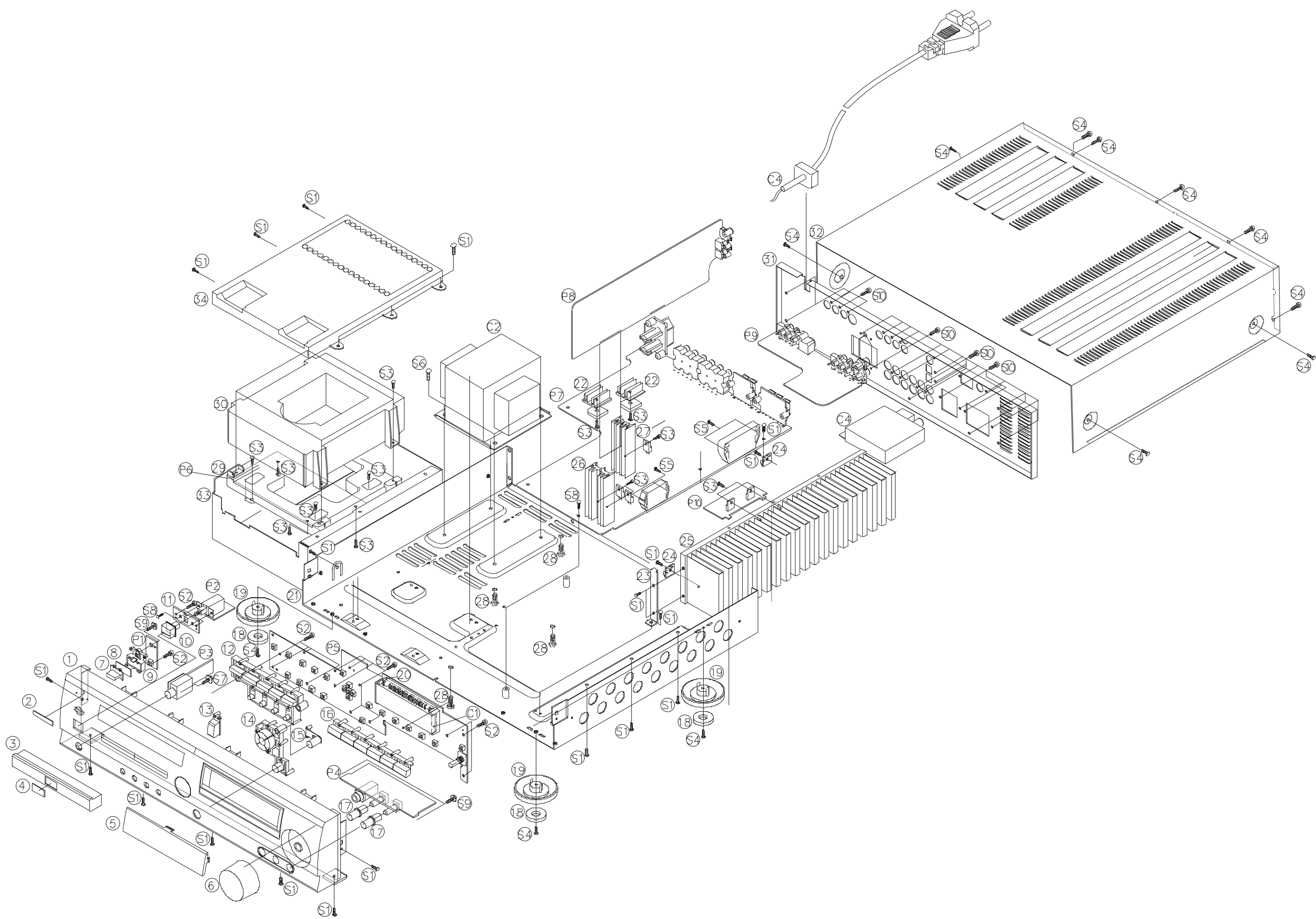
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| NO | PART NAME | Q'ty | Description |
|-----|--------------------|------|---|
| 1. | CHASSIS FRAME | 1 | ABS 94HB |
| 2. | MAGNET21 | 1 | Nd-Fe-B, $\phi 13 \times \phi 6 \times 1.5t$, 90-115gf |
| 3. | HOLDER MAGNET | 1 | ABS 94HB |
| 4. | PLATE MAGNET | 1 | $\phi 39.5 \times \phi 3 \times 0.5t$, SECC |
| 5. | GEAR DRIVE | 1 | M90-44(POM) |
| 6. | GEAR SLIDE | 1 | ABS 94HB |
| 7. | PULLEY GEAR | 1 | M90-44(POM) |
| 8. | CUSHION(B) | 2 | 12 X 6 X 3t, CR |
| 9. | CUSHION(A) | 4 | 16 X 10 X 5t, CR |
| 10. | PULLEY MOTOR | 1 | M90-44(POM) |
| 11. | MOTOR LOADING | 1 | RF-310T-11400,28.6L(MABUCHI) |
| 12. | ASS'Y CON(5PIN) | 1 | 5PIN,110mm,B'D IN ANGLE-ST |
| 13. | PCB MOTOR | 1 | FR1,1.6t |
| 14. | SCREW | 5 | M3 X 8 , TAPPING, W,W |
| 15. | BELT | 1 | $\phi 32.2 \times 1.2t \times 1.2t$,UR(859g/mm) |
| 16. | TABLE LOADING | 1 | ABS 94HB |
| 17. | CHASSIS PICK-UP | 1 | SECC, 1.2t |
| 18. | PICK-UP | 1 | SF-HD3AV2(SANYO) |
| 19. | RACK GEAR | 1 | M90-44(POM) |
| 20. | SHAFT SLED | 1 | $\phi 3 \times 79mm$ |
| 21. | FRAME SKEW | 1 | PC + GF20% |
| 22. | SPRING SKEW | 3 | SUS-304WPB, $\phi 3 \times 8.5mm \times 0.6t$ |
| 23. | SCREW HOLD SKEW | 1 | M2 X 0.35 X 10mm(bind) |
| 24. | SCREW SKEW | 3 | M2 x 0.35 x 8mm, Hexagon |
| 25. | HOLDER GEAR | 1 | PC + GF20% |
| 26. | GEAR SLED | 1 | M90-44(POM) |
| 27. | GEAR SMALL | 1 | M90-44(POM) |
| 28. | GEAR MIDDLE | 1 | M90-44(POM) |
| 29. | SCREW HOLD GEAR | 1 | M2 X 0.35 X 10mm(BIND) |
| 30. | MOTOR SLED | 1 | RF-300CA-11400.19L(WIRE TYPE) |
| 31. | GEAR MOTOR | 1 | M90-44(POM) |
| 32. | SCREW SLED MOTOR | 2 | M1.7 X 0.35 X 9mm |
| 33. | MOTOR SPINDLE | 1 | RF-320CH-12400, 27L(MABUCHI) |
| 34. | STOPPER | 1 | SM-24L (Ni Coated) |
| 35. | BUSH TURN TABLE | 1 | BsBm (Ni Coated) |
| 36. | SPRING CHUCK | 1 | SUS-304WPB, $\phi 0.35 \times \phi 9.7 \times 10mm$ |
| 37. | RUBBER T/T | 1 | $\phi 28 \times \phi 21 \times 0.4t$,CR |
| 38. | TURN TABLE | 1 | BsBm, $\phi 29$ |
| 39. | REFLECTOR | 1 | $\phi 28 \times \phi 22 \times 0.15t$ |
| 40. | SCREW MOTOR,SENSOR | 3 | M2 X 0.2 X3(MACHINE), (Ni Coated) |
| 41. | PCB SENSOR | 1 | FR1,1.6t |
| 42. | SENSOR | 1 | SG-107LF-D |
| 43. | PCB MOTOR SPINDLE | 1 | FR1,1.6t |
| 44. | ASS'Y CON (9PIN) | 1 | 9PIN X 85mm,B'D IN,ANGLE-ST |
| 45. | SWITCH LIMITE OPCL | 3 | MPU-11570(MIC) |
| 46. | WIRE SENSOR | 3 | #30 X 2mm (RD/BK/WH) |
| 47. | CUSHION RUBBER(B) | 2 | $\phi 13 \times \phi 6.6 \times \phi 12.9$,CB-60 |
| 48. | CUSHION RUBBER(A) | 2 | $\phi 13 \times \phi 6.6 \times \phi 12.9$,CB-50 |
| 49. | LIFTER | 1 | PC+GF20% |
| 50. | PCB MAIN | 1 | FR4,1.6t |
| 51. | FFC PICK-UP | 1 | 33P X 85mm X 0.5P |



16. Exploded View and Mechanical Parts List

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16. Exploded View and Mechanical Parts List

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16. Exploded View and Mechanical Parts List

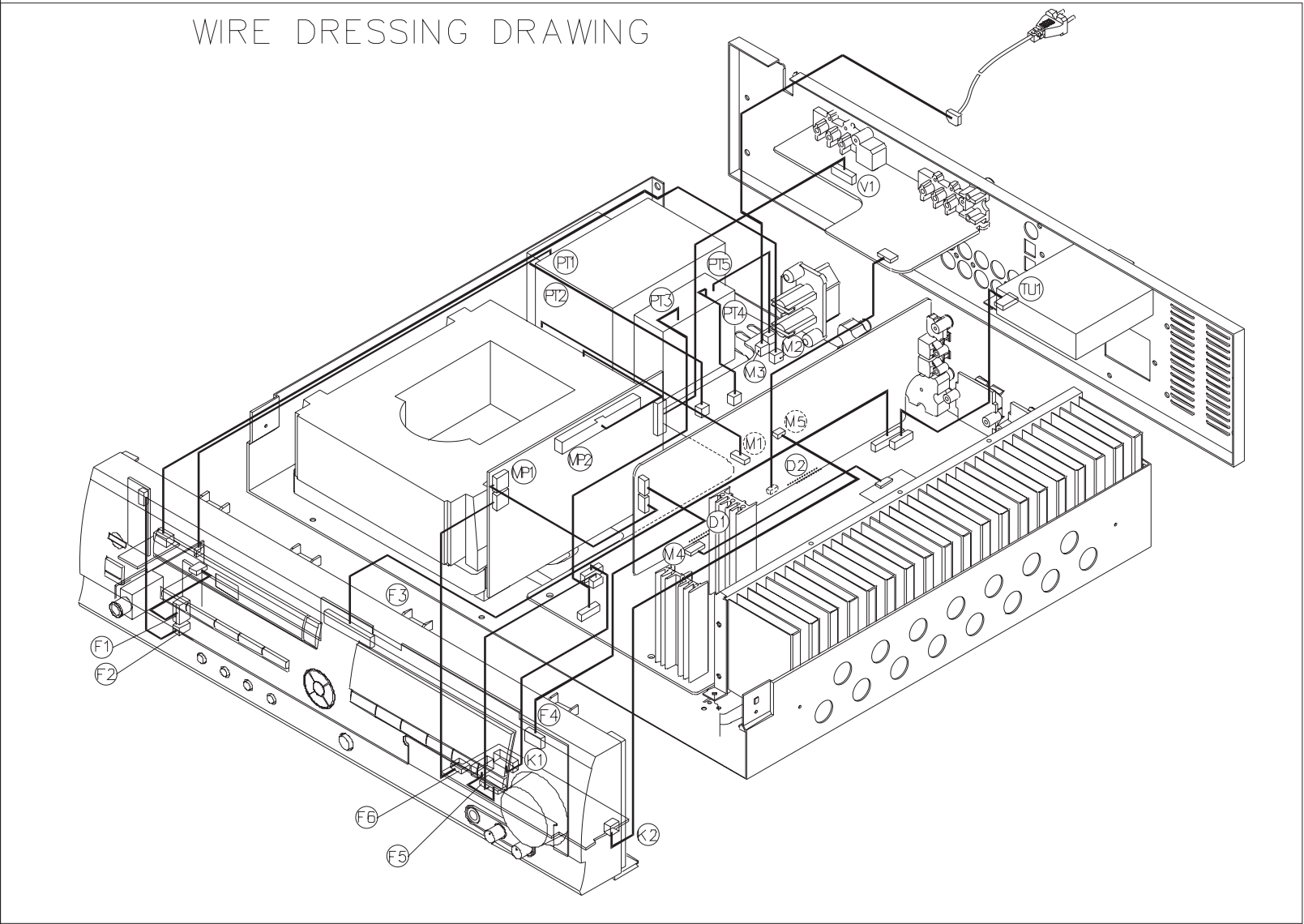
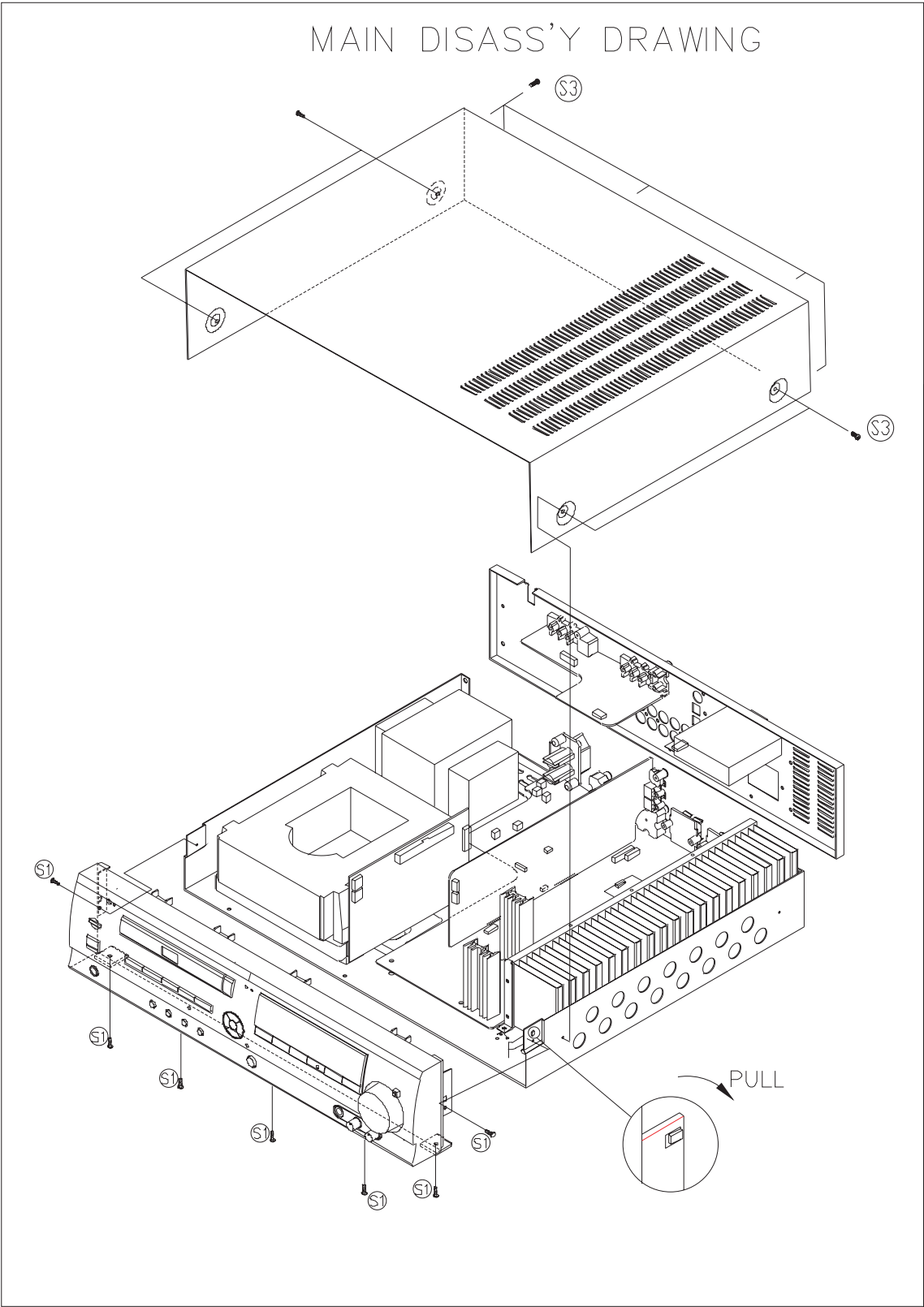
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| NO | PARTS NAME | CODE NO. | DESCRIPTIONS | Q'TY | REMARKS |
|----|--------------------|--------------------------|--|------|------------------------------|
| 1 | CABINET FRONT | 9CD0126800 9CD0126810 | MIPS.SP.SILK | 1 | WITHOUT MIC WITH MIC |
| 2 | BADGE BRAND | 9CD1500900 | ABS.HOT STAMPING | 1 | |
| 3 | DOOR DVD | 9CD1812500 | MIPS | 1 | |
| 4 | BADGE DVD | 9CD1502200 | DIA CUT | 1 | |
| 5 | WINDOW FLT | 9CD1617900 | ACRYL | 1 | |
| 6 | KNOB VR | 9CD1343500 | MIPS.SP. | 1 | |
| 7 | LENS STANDBY | 9CD1618000 | ACRYL | 1 | |
| 8 | PLATE FILTER | 9CD0912000 | LEXAN T0.15 | 1 | |
| 9 | HOLDER LENS | 9CD2304400 | MIPS | 1 | |
| 10 | KNOB POWER | 9CD1343400 | MIPS | 1 | |
| 11 | PCB BRKT POWER | 9CD6583504 | PCB.42X18X1.6T | 1 | |
| 12 | KNOB CONTROL | 9CD1342800 | MIPS.SP. | 1 | |
| 13 | KNOB OPEN/CLOSE | 9CD1343100 | MIPS. | 1 | |
| 14 | KNOB DIRECTION | 9CD1342900 | MIPS.SP. | 1 | |
| 15 | KNOB ENTER | 9CD1343000 | MIPS.SP. | 1 | |
| 16 | KNOB FUNCTION | 9CD1343200 | MIPS.SP. | 1 | |
| 17 | KNOB MIC | 9CD1343300 | MIPS.SP. | 2 | WITH MIC(OPTION) |
| 18 | CUSHION FOOT | 9CD4208800 | URETHAN RUBBER | 4 | |
| 19 | FOOT | 9CD0800900 | MIPS.SP.STAMP | 4 | |
| 20 | GUIDE FLT | 9CD2506800 | MIPS. | 1 | |
| 21 | CHASSIS BOTTOM | 9CD0608400 | SECC 1.0T | 1 | |
| 22 | BRKT PCB | 9CD2414900 | SECC 1.0T | 1 | |
| 23 | BRKT HEAT SINK "A" | 9CD2414700 | SECC 1.0T | 1 | |
| 24 | BRKT HEAT SINK "B" | 9CD2414800 | SECC 1.0T | 2 | |
| 25 | HEAT SINK DVD | 9CD4406300 | AL 6.0T+1.0T | 1 | |
| 26 | HEAT SINK TR "2" | 9CD4406500 | AL EXTRUSION | 2 | |
| 27 | HEAT SINK TR "1" | 9CD4406400 | AL EXTRUSION | 1 | |
| 28 | SUPPORT PCB | 9CD2506900 | NYLON 66 | 4 | |
| 29 | HOLDER MECHA | 9CD2304300 | MIPS | 1 | |
| 30 | DECK MECHA DVD | 9CD6009600 | EDL-8021 | 1 | |
| 31 | COVER BACK | 9CD04122C0 9CD04122U0 | SECC 0.8T.SPRAY.SILK | 1 | "CE" VERSION "UL" VERSION |
| 32 | COVER TOP | 9CD0412100 | SECC 0.7T.SPRAY. | 1 | |
| C1 | FL DISPLAY | DHNA11MM37 | NHA-11MM37 | 1 | |
| C2 | TRANS POWER | 5TP8086851 5TP1086852 | EI=85.8X63 230V 50Hz EI=85.8X63 127V/60Hz | 1 | "CE" VERSION "UL" VERSION |
| C3 | CORD AC | 9736908600 9736908700 | KE-25 H03VVH2-F 1820MM KE-01P NSPT-2 | 1 | "CE" VERSION "UL" VERSION |
| C4 | TUNER MODULE | 9737650201 9737650101 | KST-MB114MA1-0(RDS) KST-MB011MA0-0 | 1 | "CE" VERSION "UL" VERSION |

| NO | PARTS NAME | CODE NO. | DESCRIPTIONS | Q'TY | REMARKS |
|-----|---------------|------------|----------------------------|------|---------|
| S1 | SCREW TAPTITE | 7173300611 | TT2 BIN 3X6 MFZN | 19 | |
| S2 | SCREW TAPTITE | 7173261011 | TT2 BIN 2.6X10 MFZN | 14 | |
| S3 | SCREW TAPTITE | 7173301011 | TT2 BIN 3X10 MFZN | 12 | |
| S4 | SCREW TAPTITE | 7173301012 | TT2 BIN 3X10 BK | 28 | |
| S5 | SCREW TAPTITE | 7173301412 | TT2 BIN 3X14 BK | 4 | |
| S6 | SCREW TAPTITE | 7173400611 | TT2 BIN 4X6 MFZN | 4 | |
| S7 | WASHER SCREW | 9CD3102401 | TT2 BIN 3.0X10+D14 | 1 | |
| S8 | SCREW MACHINE | 7003300611 | M BIN 3X6 MFZN | 4 | |
| S9 | SCREW TAPTITE | 7178260811 | TT2 WAS 2.6X8 MFZN | 3 | |
| S10 | SCREW GROUND | 9CD3104100 | TT2 BIN 3X10 BK &GROUND | 9 | |
| P1 | PCB KEY SW | 9CD6583503 | 40.0 X 18.0 X 1.6T | 1 | |
| P2 | PCB POWER SW | 9CD6583505 | 41.0 X 19.0 X 1.6T | 1 | |
| P3 | PCB H/P | 9CD6583502 | 71.0 X 19.0 X 1.6T | 1 | |
| P4 | PCB MIC | 9CD6583501 | 118.0 X 46.0 X 1.6T | 1 | |
| P5 | PCD FRONT | 9CD6583500 | 329.0 X 87.0 X 1.6T | 1 | |
| P6 | PCB MPEG | 9CD6584000 | 147.0 X 91.0 X 1.6T | 1 | |
| P7 | PCB MAIN | 9CD6583600 | 330.0 X 247.0 X 1.6T | 1 | |
| P8 | PCB DSP | 9CD6583900 | 250.0 X 78.5 X 1.6T | 1 | |
| P9 | PCB VIDEO | 9CD6583601 | 147.0 X 75.0 X 1.6T | 1 | |
| P10 | PCB REGULATOR | 9CD6583602 | 80.3 X 37.0 X 1.6T | 1 | |
| 34 | SHIELD TOP | | | 1 | |
| 33 | SHIELD BOTTOM | | | 1 | |

16. Exploded View and Mechanical Parts List

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14. Electrical Parts List

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| BLOCK | MARK | FROM | TO | CONNECTION | S/N | NAME | DESCRIPTION | REMARK |
|-------|------|-------|--------|------------|------------|----------|----------------------------|-------------|
| DSP | D1 | CN503 | CP503 | MAIN | 9728809100 | PIN CONN | 2.0MM 35237-1801 18P | |
| DSP | D2 | CN502 | CP502 | MAIN | 9728809000 | PIN CONN | 2.0MM 35237-1101 11P | |
| FRONT | F1 | CN903 | CP992 | H/P | 9728809700 | CONN AS | #26 P2.0 7P 140MM UL 1007 | |
| FRONT | F2 | CN906 | CP906 | KEY SW | 9728811500 | CONN AS | #26 P2.0 3P 100MM UL 1007 | |
| FRONT | F3 | CP903 | CP903 | MAIN | 9CD6264200 | FFC | FFC 1.25X27X360MM K | |
| FRONT | F4 | CP901 | CN501 | DSP | 9CD6264000 | FFC | FFC 1.25X11X230MM R | |
| FRONT | F5 | CN904 | CP904 | MIC | 9728811300 | CONN AS | #26 P2.0 6P 170MM UL 1007 | W/KARAOKE |
| FRONT | F5 | CN904 | CP712 | MAIN | 9728811900 | CONN AS | #26 P2.0 4P 170MM UL 1007 | W/O KARAOKE |
| FRONT | F6 | CN901 | PN402 | MPEG | 9728811200 | CONN AS | #26 P2.0 4P 160MM UL 1007 | |
| MAIN | M1 | CN706 | LOADER | LOADER | 9728810400 | CONN AS | #18 P3.96 3P 210MM UL 1007 | |
| MAIN | M2 | CP702 | CP993 | POWER SW | 9728809800 | CONN AS | #22 P7.92 2P 460MM UL 1617 | CN993 |
| BACK | M3 | | CP701 | AC CORD | 9728808100 | WAFER | GP390-03P-TS-M(W/O CENTER) | |
| MAIN | M4 | CP705 | CN701 | REGURATOR | 9728810500 | CONN AS | #24 P2.0 8P 140MM UL 1007 | |
| MAIN | M5 | CP710 | CP852 | VIDEO | 9728810200 | CONN AS | #26 P2.0 6P 120MM UL 1007 | |
| MIC | K1 | CP907 | CP711 | MAIN | 9728809500 | CONN AS | #26 P2.0 8P 200MM UL 1007 | W/KARAOKE |
| MIC | K2 | CN905 | CN504 | DSP | 9728811400 | CONN AS | P2.0 3P 270MM SHIELD BD | W/KARAOKE |
| MPEG | MP1 | PN403 | CN505 | DSP | 9728810100 | CONN AS | #24 P2.0 5P 120MM UL 1007 | |
| MPEG | MP2 | PN404 | LOADER | LOADER | 9728811100 | ATAPI | ATAPI CABLE 40P 250MM | |
| TRANS | PT1 | | CP902 | H/P | 9728808800 | WAFER | 2.0MM PH-3AW 3P | |
| TRANS | PT3 | | CP707 | MAIN | 9728808000 | WAFER | 5267-06A WAFER | |
| TRANS | PT4 | | CP704 | MAIN | 9728808500 | WAFER | VH-3A WAFER | |
| TRANS | PT5 | | CP703 | MAIN | 9728808300 | WAFER | VH-3A (W/O CENTER,BLUE) | |
| MAIN | PT2 | | CP708 | MAIN | 9728808400 | WAFER | VH-2A WAFER | |
| TUNER | TU1 | CN913 | CN702 | MAIN | 9728809200 | FFC | FFC 1.25X17X110MM K | WITH RDS |
| TUNER | TU1 | CN914 | CN702 | MAIN | 9728811600 | FFC | FFC 1.25X15X110MM K | W/O RDS |
| VIDEO | V1 | CP851 | PN401 | MPEG | 9728810300 | CONN AS | #26 P2.0 11P 220MM UL 1007 | |

14. Electrical Parts List

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| NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS | NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS |
|----|--------------|----------------|------------|--------------------------|---------|-----|-------------|-----------------|------------|--------------------------|---------|
| 1 | CORD AC | AC901 | 9736908600 | KE-25 H03VVH2-F 1820MM | | 50 | C ELECTRO | C552L/R | CEXF1H339E | 50V RM 3.3MF (5X11) TP | |
| 2 | CONN FFC | CN913 | 9728809200 | FFC 1.25X17X110MM K | | 51 | C CHIP CERA | C553 | HCQK681JBA | 50V CH 680PF J 1608 | |
| 3 | TUNER MODULE | TU001 | 9737650201 | KST-MB114MA1-0(RDS) | | 52 | C ELECTRO | C554 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |
| 1 | PCB DSP AS | 13000 | 9CDC059000 | DV-115 | | 53 | C CHIP CERA | C555 | HCQK681JBA | 50V CH 680PF J 1608 | |
| 2 | PCB DSP | B001 | 9CD6583900 | 170X260 | | 54 | C ELECTRO | C556 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |
| 3 | C ELECTRO | C501 | CEXF1E470E | 25V RM 47MF (5X11) | | 55 | C CHIP CERA | C557-562 | HCQK681JBA | 50V CH 680PF J 1608 | |
| 4 | C CHIP CERA | C502 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 56 | C ELECTRO | C563 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 5 | C CHIP CERA | C503 | HCQK220JBA | 50V CH 22PF J 1608 | | 57 | C CHIP CERA | C564 | HCBK104KBA | 50V X7R 0.1MF K 1608 | |
| 6 | C ELECTRO | C504 | CEXF1E470E | 25V RM 47MF (5X11) | | 58 | C ELECTRO | C565-566L/R | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 7 | C CHIP CERA | C505 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 59 | C ELECTRO | C566 | CEXF1H109E | 50V RM 1MF (5X11) TP | |
| 8 | C CHIP CERA | C506 | HCQK220JBA | 50V CH 22PF J 1608 | | 60 | C CHIP CERA | C567 | HCBK104KBA | 50V X7R 0.1MF K 1608 | |
| 9 | C CHIP CERA | C507 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 61 | C ELECTRO | C570L/R-571L/R | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 10 | C CHIP CERA | C508-509 | HCQK220JBA | 50V CH 22PF J 1608 | | 62 | C CHIP CERA | C572L/R | HCBK102KBA | 50V X7R 1000PF K 1608 | |
| 11 | C ELECTRO | C510 | CEXF1H108E | 50V RM 0.1MF (5X11) TP | | 63 | C ELECTRO | C578 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 12 | C CHIP CERA | C511-512 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 64 | C ELECTRO | C579A/B/C/L/R/W | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 13 | C ELECTRO | C513-514 | CEXF1E470E | 25V RM 47MF (5X11) | | 65 | C CHIP CERA | C580A/B/C/L/R/W | HCQK681JBA | 50V CH 680PF J 1608 | |
| 14 | C CHIP CERA | C513L/R | HCQK222JBA | 50V CH 2200PF J 1608 | | 66 | C CHIP CERA | C581A/B/C/L/R/W | HCQK681JBA | 50V CH 680PF J 1608 | |
| 15 | C ELECTRO | C514L/R | CEXF1E101E | 25V RM 100MF (6.3X11) TP | | 67 | C ELECTRO | C582A/B/C/L/R/W | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 16 | C CHIP CERA | C515-517 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 68 | C CHIP CERA | C583A/B/C/L/R/W | HCBK332KBA | 50V X7R 3300PF K 1608 | |
| 17 | C ELECTRO | C518 | CEXF1E470E | 25V RM 47MF (5X11) | | 69 | C CHIP CERA | C584L/R/W | HCQK101JBA | 50V CH 100PF J 1608 | |
| 18 | C CHIP CERA | C518L/R | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 70 | C CHIP CERA | C585L/R | HCQK330JBA | 50V CH 33PF J 1608 | |
| 19 | C CHIP CERA | C519 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 71 | C CHIP CERA | C585W | HCQK470JBA | 50V CH 47PF J 1608 | |
| 20 | C ELECTRO | C520 | CEXF1E470E | 25V RM 47MF (5X11) | | 72 | C ELECTRO | C586L/R/W | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 21 | C CHIP CERA | C521 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 73 | C CHIP CERA | C587 | HCQK681JBA | 50V CH 680PF J 1608 | |
| 22 | C CHIP CERA | C522-523 | HCQK270JBA | 50V CH 27PF J 1608 | | 74 | C ELECTRO | C588 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 23 | C ELECTRO | C525 | CEXF1H100E | 50V RM 10MF (5X11) TP | | 75 | C CHIP CERA | C589 | HCQK681JBA | 50V CH 680PF J 1608 | |
| 24 | C ELECTRO | C526 | CEXF1E470E | 25V RM 47MF (5X11) | | 76 | C ELECTRO | C590 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 25 | C CHIP CERA | C527 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 77 | C ELECTRO | C591 | CEXF1V470E | 35V RM 47MF (5X11) TP | |
| 26 | C ELECTRO | C528 | CEXF1E470E | 25V RM 47MF (5X11) | | 78 | C ELECTRO | C592 | CEXF1H109E | 50V RM 1MF (5X11) TP | |
| 27 | C CHIP CERA | C529 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 79 | C ELECTRO | C593L/R-594L/R | CEXF1H479E | 50V RM 4.7MF (5X11) TP | |
| 28 | C CHIP CERA | C530 | HCFK224ZCA | 50V Y5V 0.22MF Z 2012 | | 80 | C ELECTRO | C595 | CEXF1H109E | 50V RM 1MF (5X11) TP | |
| 29 | C ELECTRO | C531 | CEXF1H229E | 50V RM 2.2MF (5X11) TP | | 81 | C ELECTRO | C596A/B/C/L/R/W | CEXF1H479E | 50V RM 4.7MF (5X11) TP | |
| 30 | C ELECTRO | C532 | CEXF1E470E | 25V RM 47MF (5X11) | | 82 | C ELECTRO | C597-598 | CEXF1H479E | 50V RM 4.7MF (5X11) TP | |
| 31 | C CHIP CERA | C533 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 83 | C CHIP CERA | C599 | HCBK822KBA | 50V X7R 8200PF K 1608 | |
| 32 | C CHIP CERA | C534 | HCBK102KBA | 50V X7R 1000PF K 1608 | | 84 | C ELECTRO | C600 | CEXF1H338E | 5V RM 0.33MF (5X11) TP | |
| 33 | C ELECTRO | C535 | CEXF1H109E | 50V RM 1MF (5X11) TP | | 85 | C CHIP CERA | C601 | HCBK153KBA | 50V X7R 0.015MF K 1608 | |
| 34 | C ELECTRO | C536 | CEXF1H100E | 50V RM 10MF (5X11) TP | | 86 | C CHIP CERA | C602-606 | HCQK101JBA | 50V CH 100PF J 1608 | |
| 35 | C CHIP CERA | C537 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 87 | C ELECTRO | C607 | CEXF1H338E | 5V RM 0.33MF (5X11) TP | |
| 36 | C ELECTRO | C538 | CEXF1H100E | 50V RM 10MF (5X11) TP | | 88 | C CHIP CERA | C608 | HCBK153KBA | 50V X7R 0.015MF K 1608 | |
| 37 | C CHIP CERA | C539-540 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 89 | C ELECTRO | C609-610 | CEXF1H339E | 50V RM 3.3MF (5X11) TP | |
| 38 | C ELECTRO | C541 | CEXF1H229V | 50V RSS 2.2MF (5X11) TP | | 90 | C CHIP CERA | C612 | HCBK822KBA | 50V X7R 8200PF K 1608 | |
| 39 | C CHIP CERA | C542 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 91 | C ELECTRO | C613 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 40 | C ELECTRO | C543 | CEXF1H100E | 50V RM 10MF (5X11) TP | | 92 | C ELECTRO | C614 | CEXF1H108E | 50V RM 0.1MF (5X11) TP | |
| 41 | C CHIP CERA | C544 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 93 | C CHIP CERA | C615-616 | HCQK681JBA | 50V CH 680PF J 1608 | |
| 42 | C ELECTRO | C545 | CEXF1E470E | 25V RM 47MF (5X11) | | 94 | C ELECTRO | C617-618 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |
| 43 | C ELECTRO | C546L/R-547L/R | CEXF1H100E | 50V RM 10MF (5X11) TP | | 95 | C CHIP CERA | C619L/R | HCQK101JBA | 50V CH 100PF J 1608 | |
| 44 | C ELECTRO | C547 | CEXF1H109E | 50V RM 1MF (5X11) TP | | 96 | C CHIP CERA | C621-624 | HCQK681JBA | 50V CH 680PF J 1608 | |
| 45 | C CHIP CERA | C548-549 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 97 | C ELECTRO | C625-626 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |
| 46 | C CHIP CERA | C548L/R | HCQK101JBA | 50V CH 100PF J 1608 | | 98 | C CHIP CERA | C627-632 | HCQK681JBA | 50V CH 680PF J 1608 | |
| 47 | C CHIP CERA | C549L/R-550L/R | HCQK681JBA | 50V CH 680PF J 1608 | | 99 | C CHIP CERA | C633A/B/C/L/R/W | HCQK101JBA | 50V CH 100PF J 1608 | |
| 48 | C ELECTRO | C550 | CEXF1H109E | 50V RM 1MF (5X11) TP | | 100 | C ELECTRO | C634A/B/L/R | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 49 | C CHIP CERA | C552 | HCQK101JBA | 50V CH 100PF J 1608 | | 101 | C ELECTRO | C634C/W | CEXF1H479E | 50V RM 4.7MF (5X11) TP | |

17. Electrical Parts List

DV-115/125

| NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS | NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS |
|-----|---------------|-----------------|-------------|--------------------------|---------|-----|-----------|-----------------|------------|----------------------|---------|
| 102 | C CHIP CERA | C635A/B/C/L/R/W | HCQK681JBA | 50V CH 680PF J 1608 | | 154 | R CHIP | R504 | HRFT750JBA | 1/10 75 OHM J 1608 | |
| 103 | C CHIP CERA | C636A/B/C/L/R/W | HCQK820JBA | 50V CH 82PF J 1608 | | 155 | R CHIP | R505 | HRFT101JBA | 1/10 100 OHM J 1608 | |
| 104 | C ELECTRO | C638W | CEXF1H479E | 50V RM 4.7MF (5X11) TP | | 156 | R CHIP | R506 | HRFT222JBA | 1/10 2.2K OHM J 1608 | |
| 105 | C ELECTRO | C639A/B/C/L/R | CEXF1H479E | 50V RM 4.7MF (5X11) TP | | 157 | R CHIP | R507 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 106 | CONN WAFER | CN501 | 9CD6264300 | 52045-1145 | | 158 | R CHIP | R508 | HRFT104JBA | 1/10 100K OHM J 1608 | |
| 107 | CONN WAFER | CN502 | 9728809000 | 2.0MM 35237-1101 11P | | 159 | R CHIP | R509-513 | HRFT220JBA | 1/10W 22 OHM J 1608 | |
| 108 | CONN WAFER | CN503 | 9728809100 | 2.0MM 35237-1801 18P | | 160 | R CHIP | R514 | HRFT105JBA | 1/10 1M OHM J 1608 | |
| 109 | CONN WAFER | CN504 | 9728811700 | 2.0MM PH-3A 3P | | 161 | R CHIP | R515 | HRFT104JBA | 1/10 100K OHM J 1608 | |
| 110 | CONN WAFER | CN505 | 9728810900 | 2.0MM PH-5A 5P | | 162 | R CHIP | R516 | HRFT220JBA | 1/10W 22 OHM J 1608 | |
| 111 | DIODE SW CHIP | D501-502 | DZDS160--- | KDS160 | | 163 | R CHIP | R517 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 112 | DIODE SW CHIP | D505-507 | DZDS160--- | KDS160 | | 164 | R CHIP | R518 | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 113 | DIODE SW CHIP | D509 | DZDS160--- | KDS160 | | 165 | R CHIP | R519-522 | HRFT220JBA | 1/10W 22 OHM J 1608 | |
| 114 | DIODE ZENER | DZ501-502 | DZT27R5B-- | MTZ 7.5B | | 166 | R CHIP | R524 | HRFT332JBA | 1/10 3.3K OHM J 1608 | |
| 115 | IC | IC501 | 1TORX178B- | TORX178B (OPTICAL RX) | | 167 | R CHIP | R525 | HRFT470JBA | 1/10 47 OHM J 1608 | |
| 116 | IC | IC502 | 1TOTX178A- | TOTX178A (OPTICAL TX) | | 168 | R CHIP | R526-528 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 117 | IC | IC503 | 174HCU04-- | 74HCU04 (INVERTER) | | 169 | R CHIP | R529 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 118 | IC | IC504 | 1AK4112A-- | AK4112A (DIR) | | 170 | R CHIP | R531 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 119 | IC REGULATOR | IC505 | 1AME1117BG | AME1117BCGT (SOT-223) | | 171 | R CHIP | R532 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 120 | IC | IC506 | 1CS49326-- | CS49326 (DD DECODER) | | 172 | R CHIP | R533 | HRFT122JBA | 1/10 1.2K OHM J 1608 | |
| 121 | IC | IC507 | 174HC244-- | 74HC244 (BUS DRIVER) | | 173 | R CHIP | R534 | HRFT332JBA | 1/10 3.3K OHM J 1608 | |
| 122 | IC | IC508 | 1CS4228A-- | CS4228A (CODEC) | | 174 | R CHIP | R535 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 123 | IC REGULATOR | IC509 | 1AME1117CC | AME1117CCCT (TO-252) | | 175 | R CHIP | R536-537 | HRFT220JBA | 1/10W 22 OHM J 1608 | |
| 124 | IC | IC510 | 1CS4341-- | CS4341 (DAC) | | 176 | R CHIP | R538 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 125 | IC CHIP | IC511-512 | 1NJM4558M- | NJM4558M | | 177 | R CHIP | R539 | HRFT470JBA | 1/10 47 OHM J 1608 | |
| 126 | IC | IC516-518 | 1NJM2068-- | NJM2068 (OP AMP) | | 178 | R CHIP | R540 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 127 | IC CHIP | IC519-520 | 1NJM4558M- | NJM4558M | | 179 | R CHIP | R541 | HRFT223JBA | 1/10 22K OHM J 1608 | |
| 128 | IC | IC521 | 1BU4052BCF | BU4052 | | 180 | R CHIP | R542L/R | HRFT151JBA | 1/10 150 OHM J 1608 | |
| 129 | IC CHIP | IC523 | 1NJM4558M- | NJM4558M | | 181 | R CHIP | R543L/R | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 130 | IC | IC524 | 1M62446FP- | M62446FP | | 182 | R CHIP | R544L/R | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 131 | IC CHIP | IC525-527 | 1NJM4558M- | NJM4558M | | 183 | R CHIP | R545L/R | HRFT561JBA | 1/10 560 OHM J 1608 | |
| 132 | JACK RCA | JA501 | 9736324100 | JK010055HN | | 184 | R CHIP | R546L/R | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 133 | COIL CHIP | L501-502 | HLC479J03A | 4.7UH CHIP 2012 | | 185 | R CHIP | R548L/R | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 134 | COIL CHIP | L503 | HLC229J02A | 2.2UH CHIP 1608 | | 186 | R CHIP | R549L/R | HRFT104JBA | 1/10 100K OHM J 1608 | |
| 135 | COIL CHIP | L504 | HLC104J01A | BEAD 120 OHM 100MHZ 2012 | | 187 | R CHIP | R550L/R | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 136 | COIL CHIP | L505 | HLC479J03A | 4.7UH CHIP 2012 | | 188 | R CHIP | R555L/R | HRFT473JBA | 1/10 47K OHM J 1608 | |
| 137 | COIL CHIP | L506-507 | HLC104J01A | BEAD 120 OHM 100MHZ 2012 | | 189 | R CHIP | R556L/R | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 138 | COIL CHIP | L508L/R | HLC104J01A | BEAD 120 OHM 100MHZ 2012 | | 190 | R CHIP | R557L/R | HRFT471JBA | 1/10 470 OHM J 1608 | |
| 139 | R CHIP | L509L/R | HRFT000-JBA | 1/10 0 OHM 1608 | | 191 | R CHIP | R561 | HRFT474JBA | 1/10 470K OHM J 1608 | |
| 140 | COIL CHIP | L510A/B/C/L/R/W | HLC104J01A | BEAD 120 OHM 100MHZ 2012 | | 192 | R CHIP | R562 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 141 | COIL CHIP | L511-512 | HLC104J01A | BEAD 120 OHM 100MHZ 2012 | | 193 | R CHIP | R563A/B/C/L/R/W | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 142 | TR CHIP | Q502 | TZRA102S-- | KRA102S (10X10)PNP | | 194 | R CHIP | R564A/B/C/L/R/W | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 143 | TR CHIP | Q503L/R | TZRC231S-- | KRC231S | | 195 | R CHIP | R565A/B/C/L/R/W | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 144 | TR CHIP | Q505 | TZRA102S-- | KRA102S (10X10)PNP | | 196 | R CHIP | R566A/B/C/L/R/W | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 145 | TR CHIP | Q506 | TZRC102S-- | KRC102S | | 197 | R CHIP | R567A/B/C/L/R/W | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 146 | TR CHIP | Q507A/B/C/L/R/W | TZRC231S-- | KRC231S | | 198 | R CHIP | R568A/B/C/L/R/W | HRFT104JBA | 1/10 100K OHM J 1608 | |
| 147 | TR FET | Q508L/R | T2SK117--- | 2SK117 | | 199 | R CHIP | R569A/B/C/L/R/W | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 148 | TR CHIP | Q509 | TZRA102S-- | KRA102S (10X10)PNP | | 200 | R CHIP | R570L/R/W | HRFT392JBA | 1/10 3.9K OHM J 1608 | |
| 149 | TR CHIP | Q510 | TZRC102S-- | KRC102S | | 201 | R CHIP | R571L/R | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 150 | TR CHIP | Q511 | TZRA102S-- | KRA102S (10X10)PNP | | 202 | R CHIP | R571W | HRFT682JBA | 1/10 6.8K OHM J 1608 | |
| 151 | TR CHIP | Q512-513 | TZRC231S-- | KRC231S | | 203 | R CHIP | R572L/R-573L/R | HRFT153JBA | 1/10 15K OHM J 1608 | |
| 152 | R CHIP | R501 | HRFT472JBA | 1/10 4.7K OHM J 1608 | | 204 | R CHIP | R572W | HRFT562JBA | 1/10 5.6K OHM J 1608 | |
| 153 | R CHIP | R503 | HRFT221JBA | 1/10 220 OHM J 1608 | | 205 | R CHIP | R573W | HRFT822JBA | 1/10 8.2K OHM J 1608 | |

17. Electrical Parts List

DV-115/125

| NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS | NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS |
|-----|--------------|-----------------|------------|------------------------|---------|----|----------------|------------|------------|---------------------------|---------|
| 206 | R CHIP | R574L/R/W | HRFT101JBA | 1/10 100 OHM J 1608 | | 9 | C CHIP CERA | C949 | HCQK101JBA | 50V CH 100PF J 1608 | |
| 207 | R CHIP | R575-576 | HRFT332JBA | 1/10 3.3K OHM J 1608 | | 10 | C CHIP CERA | C950 | HCBK103KBA | 50V X7R 0.01MF K 1608 | |
| 208 | R CHIP | R577L/R | HRFT622JBA | 1/10 6.2K OHM J 1608 | | 11 | C ELECTRO | C951 | CEXP1H479V | 50V REM 4.7MF 4*5 | |
| 209 | R CHIP | R578 | HRFT103JBA | 1/10 10K OHM J 1608 | | 12 | C DOUBLE LAYER | C952 | CDXC0H479A | 0.047F/5.5V 70UA 5RE | |
| 210 | R CHIP | R578L/R | HRFT104JBA | 1/10 100K OHM J 1608 | | 13 | C ELECTRO | C953 | CEXP1C470V | 16V REM 47MF | |
| 211 | R CHIP | R579 | HRFT222JBA | 1/10 2.2K OHM J 1608 | | 14 | C CHIP CERA | C954 | HCBK103KBA | 50V X7R 0.01MF K 1608 | |
| 212 | R CHIP | R580L/R | HRFT472JBA | 1/10 4.7K OHM J 1608 | | 15 | C CHIP CERA | C955 | HCBK104KBA | 50V X7R 0.1MF K 1608 | |
| 213 | R CHIP | R581 | HRFT473JBA | 1/10 47K OHM J 1608 | | 16 | C CHIP CERA | C957-959 | HCQK101JBA | 50V CH 100PF J 1608 | |
| 214 | R CHIP | R582L/R | HRFT104JBA | 1/10 100K OHM J 1608 | | 17 | C CHIP CERA | C960 | HCBK473KBA | 50V X7R 0.047MF K 1608 | |
| 215 | R CHIP | R583L/R | HRFT000-BA | 1/10 0 OHM 1608 | | 18 | C ELECTRO | C961 | CEXP1H109V | 50V REM 1MF 4*5 | |
| 216 | R CHIP | R584L/R-585L/R | HRFT472JBA | 1/10 4.7K OHM J 1608 | | 19 | C CHIP CERA | C962 | HCBK104KBA | 50V X7R 0.1MF K 1608 | |
| 217 | R CHIP | R586L/R | HRFT104JBA | 1/10 100K OHM J 1608 | | 20 | C ELECTRO | C963 | CEXP1H109V | 50V REM 1MF 4*5 | |
| 218 | R CHIP | R587A/B/C/L/R/W | HRFT000-BA | 1/10 0 OHM 1608 | | 21 | C CHIP CERA | C964 | HCBK473KBA | 50V X7R 0.047MF K 1608 | |
| 219 | R CHIP | R588 | HRFT104JBA | 1/10 100K OHM J 1608 | | 22 | CONN AS | CN901 | 9728811200 | #26 P2.0 4P 160MM UL 1007 | |
| 220 | R METAL FILM | R589 | RN-4Z221J- | 1/4W 220 OHM J | | 23 | CONN AS | CN903 | 9728809700 | #26 P2.0 7P 140MM UL 1007 | |
| 221 | R CHIP | R590 | HRFT751JBA | 1/10 750 OHM J 1608 | | 24 | CONN AS | CN904 | 9728811300 | #26 P2.0 6P 170MM UL 1007 | |
| 222 | R CHIP | R591-593 | HRFT101JBA | 1/10 100 OHM J 1608 | | 25 | CONN AS | CN906 | 9728811500 | #26 P2.0 3P 100MM UL 1007 | |
| 223 | R CHIP | R594 | HRFT152JBA | 1/10 1.5K OHM J 1608 | | 26 | CONN FFC | CN911 | 9728809400 | FFC 1.25X27X360MM K | |
| 224 | R CHIP | R595L/R | HRFT101JBA | 1/10 100 OHM J 1608 | | 27 | CONN FFC | CN912 | 9728809300 | FFC 1.25X11X230MM R | |
| 225 | R CHIP | R596A/B/C/L/R/W | HRFT224JBA | 1/10 220K OHM J 1608 | | 28 | CONN WAFER | CP901 | 9CD6264000 | 52044-1145 | |
| 226 | R METAL FILM | R597 | RN-4Z221J- | 1/4W 220 OHM J | | 29 | CONN WAFER | CP903 | 9CD6264200 | 52044-2745 | |
| 227 | R CHIP | R598 | HRFT103JBA | 1/10 10K OHM J 1608 | | 30 | DIODE | D902 | DZN4148--- | 1N4148 AUTO 52MM | |
| 228 | R CHIP | R598A/B/C/L/R/W | HRFT104JBA | 1/10 100K OHM J 1608 | | 31 | DIODE ZENER | D903 | DZTZ3R3B-- | MTZ 3.3V B | |
| 229 | R CHIP | R599 | HRFT102JBA | 1/10 1K OHM J 1608 | | 32 | DIODE | D904 | DZN4148--- | 1N4148 AUTO 52MM | |
| 230 | R CHIP | R599L/R | HRFT104JBA | 1/10 100K OHM J 1608 | | 33 | DIODE | D905 | DZN4007--- | 1N4007 | |
| 231 | R CHIP | R600 | HRFT474JBA | 1/10 470K OHM J 1608 | | 34 | DIODE | D906 | DZN4148--- | 1N4148 AUTO 52MM | |
| 232 | R CHIP | R601-602 | HRFT332JBA | 1/10 3.3K OHM J 1608 | | 35 | DIODE ZENER | D908 | DZTZ6R8B-- | MTZ6.8B | |
| 233 | R CHIP | R601A/B/C/L/R/W | HRFT101JBA | 1/10 100 OHM J 1608 | | 36 | FL DISPLAY | FL901 | DHNA11MM37 | NHA-11MM37 | |
| 234 | R CHIP | R602A/B/C/L/R/W | HRFT473JBA | 1/10 47K OHM J 1608 | | 37 | IC MICOM | IC904 | 1CXP82852- | CXP82852-329Q | |
| 235 | R CHIP | R603A/B/C/L/R | HRFT562JBA | 1/10 5.6K OHM J 1608 | | 38 | IC RMC MODULE | IC905 | 1TM97CT38- | TM97CT38P | |
| 236 | R CHIP | R603W | HRFT103JBA | 1/10 10K OHM J 1608 | | 39 | R CHIP | L901-903 | HRFT000-BA | 1/10 0 OHM 1608 | |
| 237 | R CHIP | R604A/B/C/L/R | HRFT392JBA | 1/10 3.9K OHM J 1608 | | 40 | TR | Q903 | TZTC3875-- | KTC3875 | |
| 238 | R CHIP | R604W | HRFT751JBA | 1/10 750 OHM J 1608 | | 41 | TR CHIP | Q904 | TZRC102S-- | KRC102S | |
| 239 | R CHIP | R605A/B/C/L/R/W | HRFT104JBA | 1/10 100K OHM J 1608 | | 42 | R CHIP | R1-37 | HRFT104JBA | 1/10 100K OHM J 1608 | |
| 240 | R CHIP | R606A/B/C/L/R/W | HRFT102JBA | 1/10 1K OHM J 1608 | | 43 | R CHIP | R1001 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 241 | R CHIP | R607 | HRFT103JBA | 1/10 10K OHM J 1608 | | 44 | R CHIP | R1002 | HRFT473JBA | 1/10 47K OHM J 1608 | |
| 242 | R CHIP | R608 | HRFT223JBA | 1/10 22K OHM J 1608 | | 45 | R CHIP | R1003-1010 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 243 | R CHIP | R608W | HRFT102JBA | 1/10 1K OHM J 1608 | | 46 | R CHIP | R1011-1013 | HRFT473JBA | 1/10 47K OHM J 1608 | |
| 244 | R CHIP | R609 | HRFT122JBA | 1/10 1.2K OHM J 1608 | | 47 | R CHIP | R1014 | HRFT101JBA | 1/10 100 OHM J 1608 | |
| 245 | R CHIP | R610 | HRFT000-BA | 1/10 0 OHM 1608 | | 48 | R CHIP | R1015 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 246 | R CHIP | R611 | HRFT183JBA | 1/10 18K OHM J 1608 | | 49 | R CHIP | R926-928 | HRFT473JBA | 1/10 47K OHM J 1608 | |
| 247 | R CHIP | R612-619 | HRFT000-BA | 1/10 0 OHM 1608 | | 50 | R CHIP | R929 | HRFT100JBA | 1/10 10 OHM J 1608 | |
| 248 | R CHIP | R620-627 | HRFT103JBA | 1/10 10K OHM J 1608 | | 51 | R CHIP | R930 | HRFT104JBA | 1/10 100K OHM J 1608 | |
| 249 | X-TAL | X501 | 5XE12R288J | 12.288MHZ HC-49U | | 52 | R CHIP | R931-933 | HRFT101JBA | 1/10 100 OHM J 1608 | |
| 1 | PCB FRONT AS | 15000 | 9CDC059300 | DV-115 | | 53 | R CHIP | R934-936 | HRFT220JBA | 1/10W 22 OHM J 1608 | |
| 2 | PCB FRONT | B001 | 9CD6583500 | 242X329 | | 54 | R CHIP | R937-940 | HRFT101JBA | 1/10 100 OHM J 1608 | |
| 3 | C CHIP CERA | C932-933 | HCBK103KBA | 50V X7R 0.01MF K 1608 | | 55 | R CHIP | R941-942 | HRFT471JBA | 1/10 470 OHM J 1608 | |
| 4 | C CHIP CERA | C934-939 | HCQK101JBA | 50V CH 100PF J 1608 | | 56 | R CHIP | R943 | HRFT473JBA | 1/10 47K OHM J 1608 | |
| 5 | C ELECTRO | C940 | CEXP1C470V | 16V REM 47MF | | 57 | R CHIP | R944 | HRFT471JBA | 1/10 470 OHM J 1608 | |
| 6 | C CHIP CERA | C941 | HCBK473KBA | 50V X7R 0.047MF K 1608 | | 58 | R CHIP | R945-946 | HRFT473JBA | 1/10 47K OHM J 1608 | |
| 7 | C CHIP CERA | C946-947 | HCQK101JBA | 50V CH 100PF J 1608 | | 59 | R CHIP | R947-948 | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 8 | C CHIP CERA | C948 | HCBK103KBA | 50V X7R 0.01MF K 1608 | | 60 | R CHIP | R949-950 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |

17. Electrical Parts List

DV-115/125

| NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS | NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS |
|----|----------------|-----------|------------|--------------------------|---------|----|------------|----------------|------------|---------------------------|---------|
| 61 | R CHIP | R951 | HRFT103JBA | 1/10 10K OHM J 1608 | | 12 | C ELECTRO | C718 | CEXF1E472E | 25V RM 4700MF (16X31.5) | |
| 62 | R CHIP | R952 | HRFT224JBA | 1/10 220K OHM J 1608 | | 13 | C ELECTRO | C719 | CEXF1E102E | 25V RM 1000MF (10X20) | |
| 63 | R CHIP | R953 | HRFT103JBA | 1/10 10K OHM J 1608 | | 14 | C ELECTRO | C720-721 | CEXF1E471E | 25V RM 470MF (10X12.5) | |
| 64 | R CHIP | R954 | HRFT680JBA | 1/10 68 OHM J 1608 | | 15 | C MYLAR | C722-724 | CMXM2A473J | 100V 0.047MF J (TP) | |
| 65 | R CHIP | R955 | HRFT271JBA | 1/10 270 OHM J 1608 | | 16 | C ELECTRO | C725 | CEXF1C682E | 16V RM 6800MF (16X35.5) | |
| 66 | R CHIP | R956-958 | HRFT103JBA | 1/10 10K OHM J 1608 | | 17 | C CERA | C726 | CCXF1H104Z | 50V F 0.1MF Z | |
| 67 | R CHIP | R960 | HRFT122JBA | 1/10 1.2K OHM J 1608 | | 18 | C ELECTRO | C727 | CEXF1C471E | 16V RM 470MF (8X11.5) | |
| 68 | R CHIP | R961-962 | HRFT152JBA | 1/10 1.5K OHM J 1608 | | 19 | C CERA | C728 | CCXF1H104Z | 50V F 0.1MF Z | |
| 69 | R CHIP | R963-964 | HRFT272JBA | 1/10 2.7K OHM J 1608 | | 20 | C MYLAR | C729-731 | CMXM2A473J | 100V 0.047MF J (TP) | |
| 70 | R CHIP | R965 | HRFT472JBA | 1/10 4.7K OHM J 1608 | | 21 | C ELECTRO | C740 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 71 | R CHIP | R968 | HRFT122JBA | 1/10 1.2K OHM J 1608 | | 22 | C MYLAR | C741A/B/C/L/R | CMXM2A104J | 100V 0.1MF J (TP) | |
| 72 | R CHIP | R969-970 | HRFT152JBA | 1/10 1.5K OHM J 1608 | | 23 | C CERA | C742A/B/C/L/R | CCXF1H103Z | 50V F 0.01MF Z (TAPPING) | |
| 73 | R CHIP | R971-972 | HRFT272JBA | 1/10 2.7K OHM J 1608 | | 24 | C ELECTRO | C743 | CEXF1H479E | 50V RM 4.7MF (5X11) TP | |
| 74 | R CHIP | R973 | HRFT472JBA | 1/10 4.7K OHM J 1608 | | 25 | C ELECTRO | C744 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 75 | R CHIP | R974 | HRFT822JBA | 1/10 8.2K OHM J 1608 | | 26 | C ELECTRO | C745 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |
| 76 | R CHIP | R975 | HRFT101JBA | 1/10 100 OHM J 1608 | | 27 | C CERA | C746 | CCXF1H473Z | 50V F 0.047MF Z (TAPPING) | |
| 77 | R CHIP | R976 | HRFT122JBA | 1/10 1.2K OHM J 1608 | | 28 | C ELECTRO | C747 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |
| 78 | R CHIP | R977-978 | HRFT152JBA | 1/10 1.5K OHM J 1608 | | 29 | C ELECTRO | C751 | CEXF1H108E | 50V RM 0.1MF (5X11) TP | |
| 79 | R CHIP | R979-980 | HRFT272JBA | 1/10 2.7K OHM J 1608 | | 30 | C CERA | C752A/B/C/L/R | CCZB1H471K | 50V B 470PF K | |
| 80 | R CHIP | R981 | HRFT472JBA | 1/10 4.7K OHM J 1608 | | 31 | C ELECTRO | C753-754 | CEXF1H108E | 50V RM 0.1MF (5X11) TP | |
| 81 | R CHIP | R982 | HRFT822JBA | 1/10 8.2K OHM J 1608 | | 32 | C ELECTRO | C755A | CEXF1H229E | 50V RM 2.2MF (5X11) TP | |
| 82 | R CHIP | R983 | HRFT102JBA | 1/10 1K OHM J 1608 | | 33 | C ELECTRO | C755B/C/L/R | CEXF1H229V | 50V RSS 2.2MF (5X11) TP | |
| 83 | R CHIP | R984 | HRFT000-BA | 1/10 0 OHM 1608 | | 34 | C CERA | C756A/B/C/L/R | CCZB1H221K | 50V B 220PF K | |
| 84 | R CHIP | R987 | HRFT103JBA | 1/10 10K OHM J 1608 | | 35 | C ELECTRO | C757A/B/C/L/R | CEXF1H330E | 50V RM 33MF (5X11) TP | |
| 85 | SW TACT | SW901-906 | 5S50101001 | KPT-1105A 1C-1P | | 36 | C CERA | C758A/B/C/L/R | CZCH1H309K | CH 50V 3PF K AXL 26MM | |
| 86 | SW TACT | SW908-924 | 5S50101001 | KPT-1105A 1C-1P | | 37 | C CERA | C759A/B/C/L/R | CCXF1H223Z | 50V F 0.022MF Z (TAPPING) | |
| 87 | VOL ENCODER | VR904 | 5SH1624368 | EC16B241040B | | 38 | C CERA | C760 | CCXF1H223Z | 50V F 0.022MF Z (TAPPING) | |
| 88 | RESONATOR CERA | X901 | 5PCST10MTW | CST10.00MTW | | 39 | C ELECTRO | C761 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 1 | PCB H/P AS | 17000 | 9CDC0593B0 | DV-115 | | 40 | C CERA | C762 | CCXF1H223Z | 50V F 0.022MF Z (TAPPING) | |
| 2 | PCB H/P | B001 | 9CD6583502 | 242X329 | | 41 | C ELECTRO | C763 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 3 | C CHIP CERA | C992 | HCBK103KBA | 50V X7R 0.01MF K 1608 | | 42 | C ELECTRO | C764-765 | CEXF1V101E | 35V RM 100MF (6.3X11) TP | |
| 4 | C CHIP CERA | C993-994 | HCBK102KBA | 50V X7R 1000PF K 1608 | | 43 | C ELECTRO | C766 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 5 | CONN WAFER | CP902 | 9728808800 | 2.0MM PH-3AW 3P | | 44 | C CERA | C767 | CCXF1H223Z | 50V F 0.022MF Z (TAPPING) | |
| 6 | CONN WAFER | CP992 | 9728808900 | 2.0MM PH-7A 7P | | 45 | C ELECTRO | C768 | CEXF1V101E | 35V RM 100MF (6.3X11) TP | |
| 7 | DIODE SW CHIP | D911-912 | DZDS160--- | KDS160 | | 46 | C CERA | C769 | CCXF1H223Z | 50V F 0.022MF Z (TAPPING) | |
| 8 | JACK HEADPHONE | PH991 | 9766319502 | HTJ-064-05B GOLD | | 47 | C ELECTRO | C770 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 1 | PCB KEY SW AS | 18000 | 9CDC0593C0 | DV-115 | | 48 | C ELECTRO | C771 | CEXF1V101E | 35V RM 100MF (6.3X11) TP | |
| 2 | PCB KEY SW | B001 | 9CD6583503 | 242X329 | | 49 | C CERA | C772-773 | CCXF1H103Z | 50V F 0.01MF Z (TAPPING) | |
| 3 | CONN WAFER | CP906 | 9728808800 | 2.0MM PH-3AW 3P | | 50 | C CERA | C780L/R-785L/R | CZCH1H101J | CH 50V 100PF J AXL 52MM | |
| 4 | LED | D907 | DLTL16KEE- | LTL-16KEE(RED)PI3.1 | | 51 | C CERA | C786-787 | CCXF1H103Z | 50V F 0.01MF Z (TAPPING) | |
| 5 | SW TACT | SW907 | 5S50101001 | KPT-1105A 1C-1P | | 52 | C CERA | C790-791 | CCXF1H104Z | 50V F 0.1MF Z | |
| 1 | PCB MAIN AS | 10000 | 9CDC058900 | DV-115 | | 53 | C ELECTRO | C792-793 | CEXF1H479E | 50V RM 4.7MF (5X11) TP | |
| 2 | PCB MAIN | B001 | 9CD6583600 | 247X330 | | 54 | C ELECTRO | C793L/R-794L/R | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 3 | C ELECTRO | C702 | CEXF1E102E | 25V RM 1000MF (10X20) | | 55 | C ELECTRO | C795 | CEXF1C682E | 16V RM 6800MF (16X35.5) | |
| 4 | C CERA AC | C703 | CH1BFE472M | 4.0KV 4700PF M SD AC250V | | 56 | C CERA | C795A/B/C/L/R | CCZB1H222K | 50V HIKB 2200PF K AXL 52M | |
| 5 | C ELECTRO | C705 | CEXF1H100E | 50V RM 10MF (5X11) TP | | 57 | C CERA | C796 | CZCH1H101J | CH 50V 100PF J AXL 52MM | |
| 6 | C MYLAR | C707 | CMXM2E104J | 250V 0.1MF J | | 58 | CONN WAFER | CN702 | 9CD6263900 | 52045-1745 | |
| 7 | C MYLAR | C709-710 | CMXM2E104J | 250V 0.1MF J | | 59 | CONN AS | CN706 | 9728810400 | #18 P3.96 3P 210MM UL1007 | |
| 8 | C ELECTRO | C711-712 | CEXF1V472E | 35V RM 4700MF (18X35.5) | | 60 | CONN AS | CN993 | 9728809800 | #22 P7.92 2P 460MM UL1617 | |
| 9 | C ELECTRO | C713 | CEXF1J331E | 63V RM 330MF (6.3X11) | | 61 | CONN WAFER | CP502 | 9728807700 | 35336-1110 WAFER | |
| 10 | C ELECTRO | C714 | CEXF1H109E | 50V RM 1MF (5X11) TP | | 62 | CONN WAFER | CP503 | 9728807800 | 35336-1810 WAFER | |
| 11 | C MYLAR | C715-717 | CMXM2A473J | 100V 0.047MF J (TP) | | 63 | CONN WAFER | CP701 | 9728808100 | GP390-03P-TS-M(W/O CENTER | |

17. Electrical Parts List

DV-115/125

| NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS | NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS |
|-----|-------------------|---------------|------------|---------------------------|---------|-----|---------------|---------------|------------|---------------------------|---------|
| 64 | CONN WAFER | CP702 | 9728808200 | VH-3A (W/O CENTER,RED) | | 116 | TR | Q704 | TZTA1024Y- | KTA1024Y (949Y) | |
| 65 | CONN WAFER | CP703 | 9728808300 | VH-3A (W/O CENTER) | | 117 | TR | Q705 | TKRC107M-- | KRC107-M TAPPING(KSR1006) | |
| 66 | CONN WAFER | CP704 | 9728808500 | VH-3A WAFER | | 118 | TR | Q706 | TZTA1266Y- | KTA1266Y- (AUTO)(1015Y) | |
| 67 | CONN AS | CP705 | 9728810500 | #24 P2.0 8P 140MM UL 1007 | | 119 | TR | Q707-709 | TZTC3199Y- | KTC-3199Y TAPING | |
| 68 | CONN WAFER | CP706 | 9728807900 | 5267-02A WAFER | | 120 | TR | Q710 | TZTA1266Y- | KTA1266Y- (AUTO)(1015Y) | |
| 69 | CONN WAFER | CP707 | 9728808000 | 5267-06A WAFER | | 121 | TR | Q711 | TZTC3200GR | KTC3200GR (AUTO)(2240GR) | |
| 70 | CONN WAFER | CP708 | 9728808400 | VH-2A WAFER | | 122 | TR | Q712 | TKRA102M-- | KRA 102-M (TAPPING) | |
| 71 | CONN AS | CP710 | 9728810200 | #26 P2.0 6P 120MM UL 1007 | | 123 | TR | Q713 | TZTC102M-- | KRC102M | |
| 72 | CONN WAFER | CP711 | 9728808700 | 2.0MM PH-8A 8P | | 124 | TR | Q717-720 | TZRA102M-- | KRA102M(KEC) | |
| 73 | CONN WAFER | CP903 | 9CD6263800 | 52045-2745 | | 125 | TR | Q721-725 | TZRC231M-- | KRC231M(KEC) | |
| 74 | DIODE | D701 | D1N4007--- | IN4007 | | 126 | TR | Q726 | TZTC3200GR | KTC3200GR (AUTO)(2240GR) | |
| 75 | DIODE ZENER | D702 | DZTZ3R3B-- | MTZ 3.3V B | | 127 | TR | Q727 | TZRC102M-- | KRC102M(KEC) | |
| 76 | DIODE | D703-706 | D1N4007--- | IN4007 | | 128 | TR | Q727A/B/C/L/R | TZTC3199Y- | KTC-3199Y TAPING | |
| 77 | DIODE | D707 | DZN4148--- | 1N4148 AUTO 52MM | | 129 | TR | Q730 | TKRC107M-- | KRC107-M TAPPING(KSR1006) | |
| 78 | DIODE ZENER | D708 | DZTZ15B--- | MTZ 15V B | | 130 | R METAL FILM | R701-702 | RN-4Z109J- | 1/4 1 OHM J | |
| 79 | DIODE | D709 | DKBPC806-- | KBPC806 | | 131 | R CARBON FILM | R703 | RD-AZ182J- | 1/6 1.8K OHM J | |
| 80 | DIODE | D710 | D1N4007--- | IN4007 | | 132 | R CARBON FILM | R705 | RD-AZ221J- | 1/6 220 OHM J | |
| 81 | DIODE | D711A/B/C/L/R | DZN4148--- | 1N4148 AUTO 52MM | | 133 | R CARBON FILM | R706 | RD-AZ223J- | 1/6 22K OHM J | |
| 82 | DIODE ZENER | D712 | DZTZ12B--- | MTZ 12V 26MM TAPPING | | 134 | R METAL FILM | R707 | RN-4Z680J- | 1/4 68 OHM J | |
| 83 | DIODE ZENER | D713 | DZTZ22B--- | MTZ 22V B | | 135 | R CARBON FILM | R708 | RD-AZ102J- | 1/6 1K OHM J | |
| 84 | DIODE | D714-717 | D1N4007--- | IN4007 | | 136 | R METAL FILM | R709-710 | RN-4Z109J- | 1/4 1 OHM J | |
| 85 | DIODE | D718-719 | DZN4148--- | 1N4148 AUTO 52MM | | 137 | R CARBON FILM | R711 | RD-AZ103J- | 1/6 10K OHM J | |
| 86 | DIODE | D720-723 | D1N4007--- | IN4007 | | 138 | R METAL FILM | R715-717 | RN-4Z109J- | 1/4 1 OHM J | |
| 87 | DIODE | D724 | DKBPC806-- | KBPC806 | | 139 | R CARBON FILM | R718-719 | RD-AZ103J- | 1/6 10K OHM J | |
| 88 | DIODE ZENER | D725 | DZTZ4R3B-- | MTZ4.3B | | 140 | R CARBON FILM | R720-722 | RD-AZ102J- | 1/6 1K OHM J | |
| 89 | DIODE | D726-727 | DZN4148--- | 1N4148 AUTO 52MM | | 141 | R METAL FILM | R723A/B/C/L/R | RN01B100JS | 1W 10 OHM J SMALL | |
| 90 | DIODE | D729 | DZN4148--- | 1N4148 AUTO 52MM | | 142 | R METAL FILM | R724A/B/C/L/R | RN01B100JS | 1W 10 OHM J SMALL | |
| 91 | DIODE ZENER | D730 | DZTZ5R6B-- | UZ-5.6B | | 143 | R CARBON FILM | R726A/B/C/L/R | RD-AZ223J- | 1/6 22K OHM J | |
| 92 | DIODE | D731-741 | DZN4148--- | 1N4148 AUTO 52MM | | 144 | R CARBON FILM | R729 | RD-AZ153J- | 1/6 15K OHM J | |
| 93 | DIODE | D743-744 | DZN4148--- | 1N4148 AUTO 52MM | | 145 | R METAL FILM | R730 | RN-4Z473J- | 1/4 47K OHM J | |
| 94 | DIODE ZENER | D745 | DZTZ9R1B-- | TZ-9.1V | | 146 | R CARBON FILM | R731-732 | RD-AZ473J- | 1/6 47K OHM J | |
| 95 | DIODE | D746 | DZN4148--- | 1N4148 AUTO 52MM | | 147 | R CARBON FILM | R734 | RD-4Z473J- | 1/4 47K OHM J | |
| 96 | FUSE GLASS TUBE | F701 | 5FSGB1022L | SEMKO TL 1A 250V MF51 | | 148 | R CARBON FILM | R735 | RD-AZ104J- | 1/6 100K OHM J | |
| 97 | FUSE GLASS TUBE | F702 | 5FSGB2022L | SEMKO TL 2A 250V MF51 | | 149 | R CARBON FILM | R736 | RD-4Z473J- | 1/4 47K OHM J | |
| 98 | FUSE GLASS TUBE | F703 | 5FSGB4022L | SEMKO TL 4A 250V MF51 | | 150 | R CARBON FILM | R740 | RD-AZ102J- | 1/6 1K OHM J | |
| 99 | HOLDER FUSE CLIP | FC701-706 | 9734600800 | PI5.2 - REEL | | 151 | R CARBON FILM | R742A/B/C/L/R | RD-AZ102J- | 1/6 1K OHM J | |
| 100 | TERMINAL GND | G701-702 | 9CD6450500 | SNP 0.3T | | 152 | R CARBON FILM | R743 | RD-AZ474J- | 1/6 470K OHM J | |
| 101 | IC REGULATOR | IC701 | 1K1A7805AP | K1A7805AP | | 153 | R CARBON FILM | R745 | RD-AZ102J- | 1/6 1K OHM J | |
| 102 | IC PROTECTOR | IC702 | 11CPN15--- | ICP-N15 | | 154 | R CARBON FILM | R747 | RD-AZ474J- | 1/6 470K OHM J | |
| 103 | IC REGULATOR | IC703 | 1K1A7812AP | K1A7812AP | | 155 | R CARBON FILM | R750 | RD-AZ102J- | 1/6 1K OHM J | |
| 104 | IC | IC704 | 1K1A7912AP | K1A7912AP (MOLD) | | 156 | R CARBON FILM | R751 | RD-AZ474J- | 1/6 470K OHM J | |
| 105 | IC REGULATOR | IC705 | 1K1A7805AP | K1A7805AP | | 157 | R CARBON FILM | R754A/B/C/L/R | RD-AZ182J- | 1/6 1.8K OHM J | |
| 106 | IC POWER | IC709 | 1STK402250 | STK 402-250 | | 158 | R CARBON FILM | R755A/B/C/L/R | RD-AZ563J- | 1/6 56K OHM J | |
| 107 | IC POWER | IC710 | 1STK402050 | STK 402-050 | | 159 | R CARBON FILM | R756A/B/C/L/R | RD-AZ563J- | 1/6 56K OHM J | |
| 108 | IC OP AMP | IC711 | 1NJM4558D- | NJM4558D | | 160 | R CARBON FILM | R757A/B/C/L/R | RD-AZ202J- | 1/6 2K OHM J | |
| 109 | IC SWITCH | IC712 | 1NJU7313AM | NJU7313AM (SW ARRAY SOP) | | 161 | R CARBON FILM | R758A/B/C/L/R | RD-AZ202J- | 1/6 2K OHM J | |
| 110 | JACK SPK TERMINAL | JA701 | 9736324300 | P40420428P | | 162 | R METAL FILM | R759A/B/C/L/R | RN01B228JS | 1W 0.22 OHM J SMALL | |
| 111 | JACK SPK TERMINAL | JA702 | 9736324400 | P40620702P | | 163 | R METAL FILM | R760-761 | RN-4Z101J- | 1/4 100 OHM J | |
| 112 | AC OUTLET | JA703 | 9736324500 | A302D0061P | | 164 | R CARBON FILM | R762-763 | RD-AZ103J- | 1/6 10K OHM J | |
| 113 | JACK RCA | JA704-705 | 9736323600 | JK0600460 | | 165 | R CARBON FILM | R764 | RD-AZ203J- | 1/6 20K OHM J | |
| 114 | COIL SPRING | L723A/B/C/L/R | 5L00000732 | PI10X1.0X7T (R) CW | | 166 | R METAL FILM | R765 | RN-4Z101J- | 1/4 100 OHM J | |
| 115 | TR | Q702 | TKRC107M-- | KRC107-M TAPPING(KSR1006) | | 167 | R CARBON FILM | R766 | RD-AZ203J- | 1/6 20K OHM J | |

17. Electrical Parts List

DV-115/125

| NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS | NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS |
|-----|---------------|----------------|------------|---------------------------|---------|----|---------------|-----------|------------|--------------------------|---------|
| 168 | R METAL FILM | R767 | RN-4Z101J- | 1/4 100 OHM J | | 38 | DIODE SW CHIP | D909-910 | DZDS160--- | KDS160 | |
| 169 | R CARBON FILM | R772L/R-777L/R | RD-AZ471J- | 1/6 470 OHM J | | 39 | IC CHIP | IC901 | 1NJM4558M- | NJM4558M | |
| 170 | R CARBON FILM | R778L/R-783L/R | RD-AZ275J- | 1/6 2.7M OHM J | | 40 | IC | IC902 | 1ES56033-- | ES56033 | |
| 171 | R CARBON FILM | R784L/R-785L/R | RD-AZ104J- | 1/6 100K OHM J | | 41 | IC CHIP | IC903 | 1NJM4558M- | NJM4558M | |
| 172 | R CARBON FILM | R786L/R | RD-AZ101J- | 1/6 100 OHM J | | 42 | JACK MIC | JA901 | 9736324200 | H20480060S | |
| 173 | R CARBON FILM | R788L/R | RD-AZ101J- | 1/6 100 OHM J | | 43 | TR | Q901 | TZTC3200GR | KTC3200GR (AUTO)(2240GR) | |
| 174 | R CARBON FILM | R789L/R | RD-AZ104J- | 1/6 100K OHM J | | 44 | TR CHIP | Q905L/R | TZRC231S-- | KRC231S | |
| 175 | R CARBON FILM | R790-792 | RD-AZ101J- | 1/6 100 OHM J | | 45 | TR CHIP | Q906 | TZRA102S-- | KRA102S (10X10)PNP | |
| 176 | R METAL FILM | R793L/R | RN01B331JS | 1W 330 OHM J SMALL | | 46 | TR CHIP | Q907 | TZRC104S-- | KRC104S | |
| 177 | R CARBON FILM | R799 | RD-AZ472J- | 1/6 4.7K OHM J | | 47 | R CHIP | R901 | HRFT561JBA | 1/10 560 OHM J 1608 | |
| 178 | R CARBON FILM | R799A/B/C/L/R | RD-AZ333J- | 1/6 33K OHM J | | 48 | R CHIP | R902 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 179 | SW RELAY | RY701 | 5SC2001A01 | SDT-S-105LMR | | 49 | R CHIP | R903 | HRFT473JBA | 1/10 47K OHM J 1608 | |
| 180 | SW RELAY | RY702 | 5SC0201103 | HR-CR323 2C-1P DC12V | | 50 | R CHIP | R904 | HRFT561JBA | 1/10 560 OHM J 1608 | |
| 181 | SW RELAY | RY703 | 5SC0101370 | SDT-S-112LMR | | 51 | R CHIP | R905 | HRFT563JBA | 1/10 56K OHM J 1608 | |
| 182 | TRANS POWER | T701 | 5TP8028855 | EI=28X12 8.5V 150MA 230V | | 52 | R CHIP | R906 | HRFT392JBA | 1/10 3.9K OHM J 1608 | |
| 1 | PCB MIC AS | 16000 | 9CDC0593A0 | DV-115 | | 53 | R CHIP | R908 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 2 | PCB MIC | B001 | 9CD6583501 | 242X329 | | 54 | R CHIP | R909 | HRFT123JBA | 1/10 12K OHM J 1608 | |
| 3 | C ELECTRO | C901 | CEXF1H479E | 50V RM 4.7MF (5X11) TP | | 55 | R CHIP | R910 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 4 | C CHIP CERA | C902 | HCQK101JBA | 50V CH 100PF J 1608 | | 56 | R CHIP | R911-912 | HRFT153JBA | 1/10 15K OHM J 1608 | |
| 5 | C ELECTRO | C903 | CEXF1H220E | 50V RM 22MF (5X11) TP | | 57 | R CHIP | R913 | HRFT123JBA | 1/10 12K OHM J 1608 | |
| 6 | C CHIP CERA | C904 | HCQK221JBA | 50V CH 220PF J 1608 | | 58 | R CHIP | R914 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 7 | C ELECTRO | C905 | CEXF1H479E | 50V RM 4.7MF (5X11) TP | | 59 | R CHIP | R915 | HRFT153JBA | 1/10 15K OHM J 1608 | |
| 8 | C CHIP CERA | C906 | HCBK102KBA | 50V X7R 1000PF K 1608 | | 60 | R CHIP | R916 | HRFT562JBA | 1/10 5.6K OHM J 1608 | |
| 9 | C ELECTRO | C907 | CEXF1H100E | 50V RM 10MF (5X11) TP | | 61 | R CHIP | R917 | HRFT123JBA | 1/10 12K OHM J 1608 | |
| 10 | C CHIP CERA | C908 | HCBK472KBA | 50V X7R 4700PF K 1608 | | 62 | R CHIP | R919 | HRFT183JBA | 1/10 18K OHM J 1608 | |
| 11 | C ELECTRO | C909 | CEXF1H339E | 50V RM 3.3MF (5X11) TP | | 63 | R CHIP | R920 | HRFT221JBA | 1/10 220 OHM J 1608 | |
| 12 | C CHIP CERA | C910 | HCQK561JBA | 50V CH 560PF J 1608 | | 64 | R CARBON FILM | R921 | RD-4Z331J- | 1/4 330 OHM J | |
| 13 | C CHIP CERA | C911 | HCBK563KBA | 50V X7R 0.056MF K 1608 | | 65 | R CHIP | R922 | HRFT000-BA | 1/10 0 OHM 1608 | |
| 14 | C ELECTRO | C912 | CEXF1H100E | 50V RM 10MF (5X11) TP | | 66 | R CHIP | R923L/R | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 15 | C CHIP CERA | C913 | HCBK392KBA | 50V X7R 3900PF K 1608 | | 67 | R CHIP | R924L/R | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 16 | C CHIP CERA | C914 | HCBK563KBA | 50V X7R 0.056MF K 1608 | | 68 | R CHIP | R925L/R | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 17 | C CHIP CERA | C915 | HCQK561JBA | 50V CH 560PF J 1608 | | 69 | R CHIP | R966 | HRFT104JBA | 1/10 100K OHM J 1608 | |
| 18 | C CHIP CERA | C916-917 | HCBK472KBA | 50V X7R 4700PF K 1608 | | 70 | R CHIP | R983L/R | HRFT104JBA | 1/10 100K OHM J 1608 | |
| 19 | C ELECTRO | C918 | CEXF1H220E | 50V RM 22MF (5X11) TP | | 71 | R CHIP | R984L/R | HRFT223JBA | 1/10 22K OHM J 1608 | |
| 20 | C CHIP CERA | C919 | HCQK221JBA | 50V CH 220PF J 1608 | | 72 | R CHIP | R985 | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 21 | C ELECTRO | C920 | CEXF1C221E | RM 16V 220MF 6.3X11 TAT | | 73 | R CHIP | R986 | HRFT474JBA | 1/10 470K OHM J 1608 | |
| 22 | C CHIP CERA | C921-923 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 74 | VR ROTARY | VR901 | 5V1503727B | RK09K1110303 50KB | |
| 23 | C ELECTRO | C924 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | | 75 | VR ROTARY | VR903 | 5V1503727B | RK09K1110303 50KB | |
| 24 | C ELECTRO | C925 | CEXF1H100E | 50V RM 10MF (5X11) TP | | 1 | PCB MPEG AS | 14000 | 9CDC059100 | DV-115 | |
| 25 | C ELECTRO | C926 | CEXF1C221E | RM 16V 220MF 6.3X11 TAT | | 2 | PCB MPEG | B001 | 9CD6584000 | 91X147 | |
| 26 | C CHIP CERA | C927 | HCBK103KBA | 50V X7R 0.01MF K 1608 | | 3 | COIL BEAD | BD401-406 | 58C0000116 | HC-3550R | |
| 27 | C ELECTRO | C928 | CEXF1C221E | RM 16V 220MF 6.3X11 TAT | | 4 | C CHIP CERA | C401 | HCBK104KBA | 50V X7R 0.1MF K 1608 | |
| 28 | C CHIP CERA | C929 | HCBK103KBA | 50V X7R 0.01MF K 1608 | | 5 | C CHIP CERA | C402-403 | HCQK220JBA | 50V CH 22PF J 1608 | |
| 29 | C CHIP CERA | C930L/R | HCBK102KBA | 50V X7R 1000PF K 1608 | | 6 | C CHIP CERA | C404 | HCBK104KBA | 50V X7R 0.1MF K 1608 | |
| 30 | C ELECTRO | C931L/R | CEXF1H479E | 50V RM 4.7MF (5X11) TP | | 7 | C ELECTRO | C405 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |
| 31 | C ELECTRO | C967 | CEXF1H108E | 50V RM 0.1MF (5X11) TP | | 8 | C CHIP CERA | C406-407 | HCBK104KBA | 50V X7R 0.1MF K 1608 | |
| 32 | C ELECTRO | C968L/R | CEXF1H100E | 50V RM 10MF (5X11) TP | | 9 | C ELECTRO | C408 | CEXF1H100E | 50V RM 10MF (5X11) TP | |
| 33 | C CHIP CERA | C969 | HCBK103KBA | 50V X7R 0.01MF K 1608 | | 10 | C CHIP CERA | C409 | HCBK105KBA | 50V X7R 1MF K 1608 | |
| 34 | CONN AS | CN905 | 9728811400 | P2.0 3P 270MM SHIELD | | 11 | C CHIP CERA | C410-412 | HCBK104KBA | 50V X7R 0.1MF K 1608 | |
| 35 | CONN WAFER | CP904 | 9728808600 | 2.0MM PH-6AW 6P | | 12 | C ELECTRO | C413 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |
| 36 | CONN AS | CP907 | 9728809500 | #26 P2.0 8P 180MM UL 1007 | | 13 | C CHIP CERA | C414 | HCBK104KBA | 50V X7R 0.1MF K 1608 | |
| 37 | DIODE ZENER | D901 | DZTZ5R6B-- | UZ-5.6B | | 14 | C ELECTRO | C415 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |

17. Electrical Parts List

DV-115/125

| NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS | NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS |
|----|-------------|-----------|------------|--------------------------|---------|-----|------------------|-----------|-------------|---------------------------|---------|
| 15 | C CHIP CERA | C416 | HCBK102KBA | 50V X7R 1000PF K 1608 | | 67 | IC RESET | IC408 | 1K1A7039AF | KIA7039AF | |
| 16 | C CHIP CERA | C417 | HCBK473KBA | 50V X7R 0.047MF K 1608 | | 68 | IC ATAPI I/F | IC409 | 1ZR36701-- | ZR36701P | |
| 17 | C CHIP CERA | C418 | HCQK220JBA | 50V CH 22PF J 1608 | | 69 | IC VIDEO ENCODER | IC410 | 1CS4955---- | CS4955 | |
| 18 | C CHIP CERA | C419 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 70 | IC REGULATOR | IC411 | 1AME1117CC | AME1117CCCT (TO-252) | |
| 19 | C CHIP CERA | C420 | HCQK330JBA | 50V CH 33PF J 1608 | | 71 | JACK ATAPI | JK401 | 9736324700 | 40P ATAPI | |
| 20 | C CHIP CERA | C421-423 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 72 | COIL CHIP | L401 | HLC279J03A | 2.7UH CHIP 3216 | |
| 21 | C ELECTRO | C424 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | | 73 | COIL CHIP | L402-407 | HLC189J02A | 1.8UH CHIP 3216 | |
| 22 | C CHIP CERA | C425-429 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 74 | CONN WAFER | PN401 | 9728810700 | 2.0MM PH-11AW 11P | |
| 23 | C ELECTRO | C430 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | | 75 | CONN WAFER | PN402 | 9728810800 | 2.0MM PH-4A 4P | |
| 24 | C CHIP CERA | C431-434 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 76 | CONN AS | PN403 | 9728810100 | #24 P2.0 5P 120MM UL 1007 | |
| 25 | C CHIP CERA | C437-441 | HCQK150JBA | 50V CH 15PF J 1608 | | 77 | CABLE ATAPI | PN404 | 9728811100 | ATAPI CABLE 40P 250MM | |
| 26 | C CHIP CERA | C442 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 78 | R CHIP | R401-402 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 27 | C ELECTRO | C443 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | | 79 | R CHIP | R404 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 28 | C CHIP CERA | C444-446 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 80 | R CHIP | R405 | HRFT181JBA | 1/10 180 OHM J 1608 | |
| 29 | C CHIP CERA | C447-458 | HCQK150JBA | 50V CH 15PF J 1608 | | 81 | R CHIP | R406-411 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 30 | C ELECTRO | C459 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | | 82 | R CHIP | R412 | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 31 | C CHIP CERA | C460-461 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 83 | R CHIP | R413-416 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 32 | C ELECTRO | C462 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | | 84 | R CHIP | R420 | HRFT229JCA | 1/10 2.2 OHM J 2012 | |
| 33 | C CHIP CERA | C467 | HCQK221JBA | 50V CH 220PF J 1608 | | 85 | R CHIP | R422 | HRFT330JBA | 1/10 33 OHM J 1608 | |
| 34 | C CHIP CERA | C468 | HCQK330JBA | 50V CH 33PF J 1608 | | 86 | R CHIP | R423 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 35 | C CHIP CERA | C469 | HCQK221JBA | 50V CH 220PF J 1608 | | 87 | R CHIP | R424 | HRFT330JBA | 1/10 33 OHM J 1608 | |
| 36 | C ELECTRO | C470 | CEXF1C221E | RM 16V 220MF 6.3X11 TAT | | 88 | R CHIP | R425 | HRFT220JBA | 1/10W 22 OHM J 1608 | |
| 37 | C CHIP CERA | C473 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 89 | R CHIP | R426-427 | HRFT330JBA | 1/10 33 OHM J 1608 | |
| 38 | C ELECTRO | C474 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | | 90 | R CHIP | R428 | HRFT820JBA | 1/10 82 OHM J 1608 | |
| 39 | C CHIP CERA | C475-477 | HCBK104KBA | 50V X7R 0.1MF K 1608 | | 91 | R CHIP | R429 | HRFT562JBA | 1/10 5.6K OHM J 1608 | |
| 40 | C ELECTRO | C478 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | | 92 | R CHIP | R430 | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 41 | C CHIP CERA | C479 | HCQK221JBA | 50V CH 220PF J 1608 | | 93 | R CHIP | R431 | HRFT220JBA | 1/10W 22 OHM J 1608 | |
| 42 | C CHIP CERA | C480 | HCQK330JBA | 50V CH 33PF J 1608 | | 94 | R CHIP | R432 | HRFT102JBA | 1/10 1K OHM J 1608 | |
| 43 | C CHIP CERA | C481 | HCQK221JBA | 50V CH 220PF J 1608 | | 95 | R CHIP | R433-434 | HRFT220JBA | 1/10W 22 OHM J 1608 | |
| 44 | C ELECTRO | C482 | CEXF1C221E | RM 16V 220MF 6.3X11 TAT | | 96 | R CHIP | R435-436 | HRFT820JBA | 1/10 82 OHM J 1608 | |
| 45 | C CHIP CERA | C483 | HCQK221JBA | 50V CH 220PF J 1608 | | 97 | R CHIP | R437 | HRFT220JBA | 1/10W 22 OHM J 1608 | |
| 46 | C CHIP CERA | C484 | HCQK330JBA | 50V CH 33PF J 1608 | | 98 | R CHIP | R449 | HRFT101JBA | 1/10 100 OHM J 1608 | |
| 47 | C CHIP CERA | C485 | HCQK221JBA | 50V CH 220PF J 1608 | | 99 | R CHIP | R453-454 | HRFT470JBA | 1/10 47 OHM J 1608 | |
| 48 | C ELECTRO | C486 | CEXF1C221E | RM 16V 220MF 6.3X11 TAT | | 100 | R CHIP | R457 | HRFT000-BA | 1/10 0 OHM 1608 | |
| 49 | C CHIP CERA | C487 | HCQK221JBA | 50V CH 220PF J 1608 | | 101 | R CHIP | R458-466 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 50 | C CHIP CERA | C488 | HCQK330JBA | 50V CH 33PF J 1608 | | 102 | R CHIP | R469-471 | HRFT472JBA | 1/10 4.7K OHM J 1608 | |
| 51 | C CHIP CERA | C489 | HCQK221JBA | 50V CH 220PF J 1608 | | 103 | R CHIP | R472 | HRFT103JBA | 1/10 10K OHM J 1608 | |
| 52 | C ELECTRO | C490 | CEXF1C221E | RM 16V 220MF 6.3X11 TAT | | 104 | R CHIP | R473 | HRFT402FBA | 1/10 4.0K OHM F 1608(1%) | |
| 53 | C CHIP CERA | C491 | HCQK221JBA | 50V CH 220PF J 1608 | | 105 | R CHIP | R474-475 | HRFT101JBA | 1/10 100 OHM J 1608 | |
| 54 | C CHIP CERA | C492 | HCQK330JBA | 50V CH 33PF J 1608 | | 106 | R CHIP | R476-481 | HRFT750JBA | 1/10 75 OHM J 1608 | |
| 55 | C CHIP CERA | C493 | HCQK221JBA | 50V CH 220PF J 1608 | | 107 | R ARRAY | RA401-402 | HRTT8X103J | MNR 14X0ABJ 470 (10KX4) | |
| 56 | C ELECTRO | C494 | CEXF1C221E | RM 16V 220MF 6.3X11 TAT | | 108 | R ARRAY | RA403 | HRTT8X472J | MNR 14X0ABJ 470 (4.7KX4) | |
| 57 | C CHIP CERA | C495 | HCQK221JBA | 50V CH 220PF J 1608 | | 109 | R ARRAY | RA404-406 | HRTT8X181J | MNR 14X0ABJ 470 (180X4) | |
| 58 | C CHIP CERA | C496 | HCQK330JBA | 50V CH 33PF J 1608 | | 110 | R ARRAY | RA406-410 | HRTT8X220J | MNR 14X0ABJ 470 (22X4) | |
| 59 | C CHIP CERA | C497 | HCQK221JBA | 50V CH 220PF J 1608 | | 111 | X-TAL | X401 | 5XE16M000J | 16MHZ HC-49/U (RADIAL) | |
| 60 | C ELECTRO | C498 | CEXF1C221E | RM 16V 220MF 6.3X11 TAT | | 112 | X-TAL | X402 | 5XE27M000C | 27MHZ HC-49/U 20PPM 30PF | |
| 61 | IC MICOM | IC401 | 1C1610---- | C1610 | | 1 | PCB POWER SW AS | 19000 | 9CDC0593D0 | DV-115 | |
| 62 | IC DECODER | IC402 | 1ZR36710-- | ZR36710 DFP | | 2 | PCB POWER SW | B001 | 9CD6583505 | 242X329 | |
| 63 | IC SDRAM | IC403 | 1HY57V1616 | HY57V1616 | | 3 | C CERA AC | C991 | CH1BFE472M | 4.0KV 4700PF M SD AC250V | |
| 64 | IC ROM | IC404-405 | 1A290021L- | A290021L | | 4 | CONN WAFER | CP993 | 9728808200 | VH-3A (W/O CENTER,RED) | |
| 65 | IC SRAM | IC406 | 11S61C1024 | IS61C1024/L | | 5 | SW POWER SPST | S991 | 5S40101369 | SDDL-005-S PUSH | |
| 66 | IC EEPROM | IC407 | 1XC24C02-- | XC24C02 | | 1 | PCB REG AS | 12000 | 9CDC0589B0 | DV-115 | |

17. Electrical Parts List

DV-115/125

| NO | PART-NAME | LOCATION | PART-CODE | PART-DESC | REMARKS |
|----|---------------|-----------|------------|---------------------------|---------|
| 2 | PCB REGURATOR | B001 | 9CD6583602 | 247X330 | |
| 3 | C ELECTRO | C734 | CEXF1C471V | 16V RSS 470MF (10X12.5)BK | |
| 4 | C CERA | C735 | CCXF1H104Z | 50V F 0.1MF Z | |
| 5 | C ELECTRO | C738 | CEXF1C471V | 16V RSS 470MF (10X12.5)BK | |
| 6 | C CERA | C739 | CCXF1H104Z | 50V F 0.1MF Z | |
| 7 | CONN WAFER | CN701 | 9728808700 | 2.0MM PH-8A 8P | |
| 8 | IC REGULATOR | IC706-707 | 1K1A7805AP | K1A7805AP | |
| 9 | TR | Q731-732 | TZTA1046Y- | KTA1046Y | |
| 10 | R METAL FILM | R727-728 | RN-4Z100J- | 1/4 10 OHM J | |
| 1 | PCB VIDEO AS | 11000 | 9CDC0589A0 | DV-115 | |
| 2 | PCB VIDEO | B001 | 9CD6583601 | 247X330 | |
| 3 | C CERA | C851 | CZCH1H101J | CH 50V 100PF J AXL 52MM | |
| 4 | C CERA | C852-853 | CCXF1H103Z | 50V F 0.01MF Z (TAPPING) | |
| 5 | C ELECTRO | C854-856 | CEXF1E470E | 25V RM 47MF (5X11) | |
| 6 | C ELECTRO | C857-858 | CEXF1A471E | 10V RM 470ME (6.3X11) | |
| 7 | C ELECTRO | C867 | CEXF1E101E | 25V RM 100MF (6.3X11) TP | |
| 8 | C CERA | C868 | CCXF1H473Z | 50V F 0.047MF Z (TAPPING) | |
| 9 | CONN AS | CP851 | 9728810300 | #26 P2.0 11P 220MM UL1007 | |
| 10 | CONN WAFER | CP852 | 9728808600 | 2.0MM PH-6AW 6P | |
| 11 | DIODE | D851-855 | DZN4148--- | 1N4148 AUTO 52MM | |
| 12 | IC SWITCH | IC851 | 1LA7952--- | LA7952 | |
| 13 | JACK RCA | JA851 | 9736323700 | JE0200596N | |
| 14 | JACK S VIDEO | JA852 | 9736324000 | C50160272N | |
| 15 | JACK RCA | JA853 | 9736323800 | JE0301645N | |
| 16 | JACK RCA | JA854 | 9736323900 | JE0301645G | |
| 17 | TR | Q851-852 | TZTC3199Y- | KTC-3199Y TAPING | |
| 18 | TR | Q853-854 | TKRC107M-- | KRC107-M TAPPING(KSR1006) | |
| 19 | R CARBON FILM | R851 | RD-AZ104J- | 1/6 100K OHM J | |
| 20 | R CARBON FILM | R852 | RD-AZ221J- | 1/6 220 OHM J | |
| 21 | R CARBON FILM | R853-855 | RD-AZ750J- | 1/6 75 OHM J | |
| 22 | R CARBON FILM | R856 | RD-AZ680J- | 1/6 68 OHM J | |
| 23 | R CARBON FILM | R857 | RD-AZ473J- | 1/6 47K OHM J | |
| 24 | R CARBON FILM | R858 | RD-AZ391J- | 1/6 390 OHM J | |
| 25 | R CARBON FILM | R859 | RD-AZ680J- | 1/6 68 OHM J | |
| 26 | R CARBON FILM | R860 | RD-AZ473J- | 1/6 47K OHM J | |
| 27 | R CARBON FILM | R861 | RD-AZ391J- | 1/6 390 OHM J | |
| 28 | R CARBON FILM | R862 | RD-AZ473J- | 1/6 47K OHM J | |
| 29 | R CARBON FILM | R878 | RD-AZ332J- | 1/6 3.3K OHM J | |